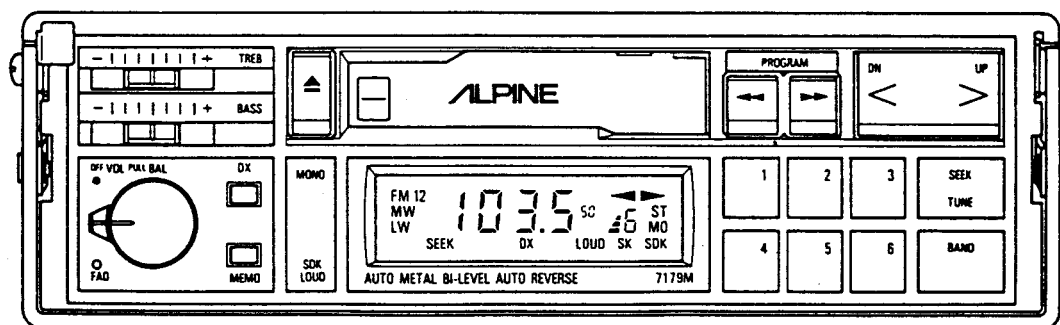


ALPINE SERVICE MANUAL

Digital Tuner Cassette



"For the cassette deck mechanism parts (GT75B01B) of this model, refer to the GT Series Service Manual (Part No. 68P92539F01)."

7179M/L/E

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Specifications

FM RADIO

Intermediate Frequency	10.7±0.1MHz
Frequency Range	87.5 to 108MHz
Usable Sensitivity (Stereo at 98.1MHz)	19.2dBf (7179M/L Models Only)
	17.2dBf (7179E Model Only)
Limiting Sensitivity (98.1MHz)	14.2±5dBf (7179M/L Models Only)
	19.2dBf (7179E Model Only)
S/N Ratio (Stereo 60dB μ 98.1MHz)	50dB
Image Rejection (at 106.1MHz)	40dB
IF Rejection (at 90.1MHz)	60dB
Distortion (Input 1V at 98.1MHz)	2%
Frequency Response (Ref. 400Hz)	80Hz : 0±3dB (7179E Model Only)
	100Hz : 0±3dB (7179M/L Models Only)
	10kHz : -12±3dB
Stereo Separation (at 1,000Hz)	25dB
SK Sensitivity (at 98.1MHz)	25.2dBf (7179M Model Only)

AM RADIO (7179E Model Only)

Intermediate Frequency	450kHz
Frequency Range	531 to 1,602kHz
Sensitivity 20dB S/N (at 999kHz)	45.2dBf
S/N Ratio (at 999kHz)	44dB
Image Rejection (at 1,404kHz)	44dB
IF Rejection (at 603kHz)	60dB
Distortion (at 999kHz)	1%
Frequency Response	100Hz : -3±5dB
	4kHz : -12±5dB

MW RADIO (7179M/L Model Only)

Intermediate Frequency	450±5kHz
Frequency Range	531 to 1,602kHz
Sensitivity 20dB S/N (at 999kHz)	45.2dBf
S/N Ratio (at 999kHz)	44dB
Image Rejection (at 1,404kHz)	45dB
IF Rejection (at 603kHz)	60dB
Distortion (at 999kHz)	1%
Frequency Response	100Hz : -3±3dB 4kHz : -12±6dB

LW RADIO (7179M/L Model Only)

Intermediate Frequency	450±5kHz
Frequency Range	153 to 281kHz
Sensitivity 20dB S/N (at 218kHz)	48.2dB
S/N Ratio (at 218kHz)	40dB
Image Rejection (at 272kHz)	40dB
IF Rejection (at 218kHz)	60dB
Distortion (at 400kHz)	1.5%
Frequency Response	-3±3dB (100Hz) -12±6dB (4kHz)

TAPE PLAYER

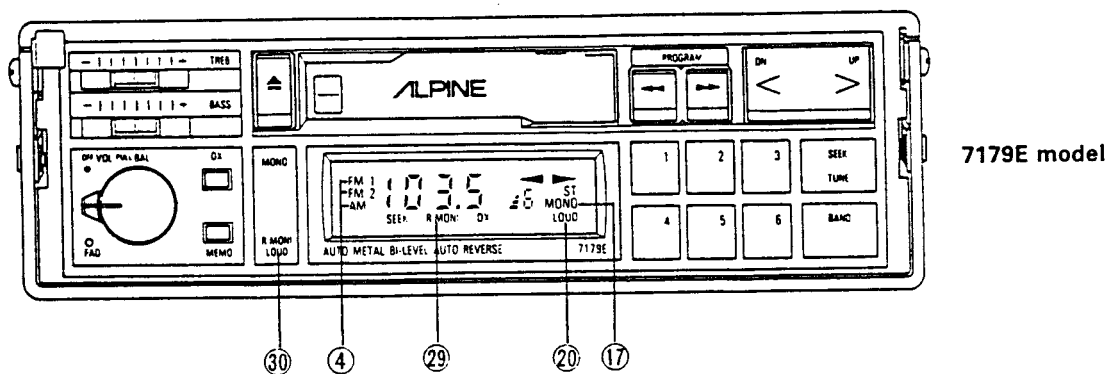
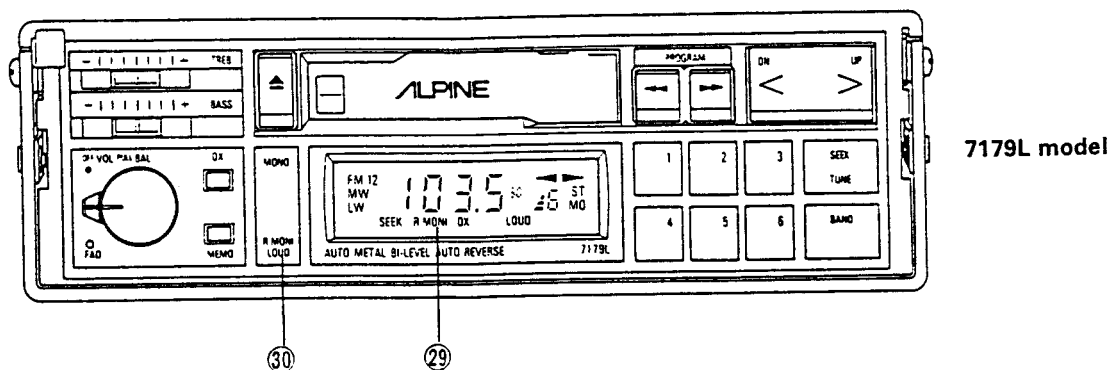
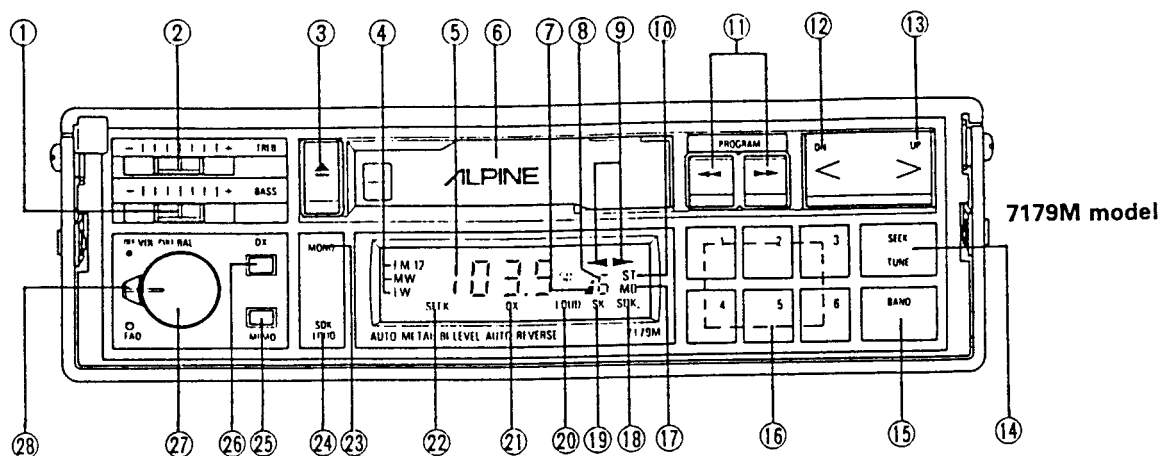
Tape Speed (MTT-111)	4.76cm/sec. +3% to -1%
Wow & Flutter (JIS, WRMS/MTT-111)	0.25%
S/N Ratio (MTT-112)	50dB (7179M/L Models Only) 52dB (7179E Model Only)
Distortion (MTT-118)	2%
Frequency Response (Ref. 1kHz, -3dB, MTT-256)	63Hz to 10kHz
(Ref. 1kHz, -3dB, MTT-356)	63Hz to 10kHz
Separation (MTT-141)	30dB
Crosstalk (MTT-121)	45dB
FF & RWD Time (C-60)	100 sec.

GENERAL

Load Impedance	4 ohms (Speaker Out)
Power Supply	14VDC
Power-Output (10% T.H.D)	400Hz : 3.5W/ch (7179E/M Models Only) 1kHz : 3.5W/ch (7179L Model Only)
Pre-Output Voltage	1,200mV±3dB (7179M/L Models Only) 1.2V (7179E Model Only)
Chassis Dimensions	178 (W) × 50 (H) × 160 (D) mm (7179L/M Models Only) 178 (W) × 50 (H) × 153 (D) mm (7179E Model Only)
Nose Dimensions	176 (W) × 50 (H) × 11 (D) mm (7179M/L Models Only) 171 (W) × 48 (H) × 15mm (7179E Model Only)
Semiconductors	9 IC's, 34 Transistors, 420 Diodes, 12 Zener Diodes (7179E Model Only) 11 IC's, 47 Transistors, 52 Diodes, 13 Zener Diodes (7179M Model Only) 9 IC's, 36 Transistors, 43 Diodes, 12 Zener Diodes (7179L Model Only)
Weight	1.7kg (7179M/L Models Only) 1.8kg (7179E Model Only)

NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

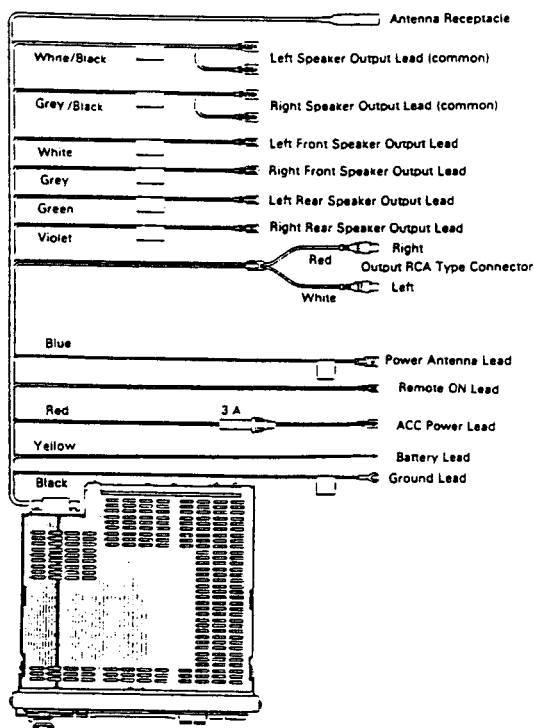
CONTROLS & INDICATORS



- ① BASS Control
- ② TREBLE Control
- ③ EJECT Switch
- ④ Radio Band Indicator
- ⑤ Frequency Indicator
- ⑥ Cassette Loading Slot
- ⑦ Memory Indicator
- ⑧ Preset Channel Indicator
- ⑨ Tape Direction Indicator
- ⑩ FM Stereo Reception Indicator (ST)
- ⑪ PROGRAM/FF & REW Switches
- ⑫ Tuning (DN) Switch
- ⑬ Tuning (UP) Switch
- ⑭ SEEK TUNE Switch
- ⑮ BAND Select Switch
- ⑯ Station Preset Switches (Radio Mode)

- ⑰ Monaural Indicator (MO)
- ⑱ SDK Indicator (7179M model only)
- ⑲ SK Indicator (7179M model only)
- ⑳ LOUDness Indicator
- ㉑ DX (Local/Distance) Indicator
- ㉒ SEEK Tuning Indicator
- ㉓ Monaural Switch (MONO)
- ㉔ SDK/LOUDness** Switch (7179M model only)
- ㉕ MEMORY Switch
- ㉖ DX (Local/Distance) Switch
- ㉗ Power on/OFF Switch/VOLUME Control/BALANCE Control (Pull)
- ㉘ FADER Control
- ㉙ Radio Monitor Indicator (R. MONI) (7179L/E models only)
- ㉚ R.MONI/LOUDness** Switch (7179L/E models only)

CONNECTIONS



Output RCA Type connectors

RCA type connectors are for connecting the unit to an unit having RCA type input terminals.

Power Antenna Lead

Connect the power antenna control lead (Blue) to the connector of full automatic power antenna. Power antenna control does not work with semi-automatic or manually operated antenna.

ACC Power Lead

This lead is to be connected to an ignition terminal in the vehicle's fuse box or a terminal which develops + 12 V when the ignition is turned on.

Remote ON Lead

If the unit is connected to your Amp unit with RCA jacks, connect the remote ON lead to the male connector of the unit remote ON lead.

CAUTION:

Before connecting any wire, set the volume level to minimum by turning the power ON/OFF switch knob counterclockwise.

OPERATION

TAPE PLAYER OPERATION

1. Turn the power on by rotating the VOLUME control/power switch ⑦ clockwise. With the tape opening to the right, insert the cassette into the loading slot as far as it will go. One of the tape direction indicators ③ will light and the tape will start playing.
2. If a metal or CrO₂ cassette tape is inserted, the tape mechanism automatically sets itself for 70μsec equalization.
3. Adjust VOLUME ⑦, BASS ①, TREBLE ②, BALANCE ⑥ and FADER ⑤ controls to suit your listening preference. Tape reverses automatically at the end of the tape to play the other side.
4. To change from side A to play side B or vice versa before the end of the tape is reached, press the PROGRAM switch ④.
5. To stop tape play, press the EJECT switch ③.
6. To turn the power OFF, fully rotate the VOLUME control counterclockwise.

Winding the Tape Rapidly in Forward or Reverse Direction

1. Press the PROGRAM Switch (◀ or ▶ button) ④ until it locks and the tape will run rapidly in the designated direction.
2. Lightly press the other button to stop the Fast Winding mode. The tape will start playing again.
3. When the Fast Winding operation reaches the end of the tape, the mode will automatically switch to playback.

AUTO PAUSE

When the unit is removed from its bracket, it automatically goes into the Tape Pause Mode, the tape disengages from the capstan and pinch roller but the cassette stays in the unit. When the unit is re-inserted into the bracket, tape play will resume from the point in which it was stopped.

Key-off Pause

If the ignition is turned off while a cassette is playing, the tape disengages from the tape head, capstan, and pinch roller, but the cassette remains in the cassette compartment with the cassette door completely closed. When the ignition switch is turned on again, playback will begin from the point where it was left off.

Radio Monitor (7179L/E models only)

Pushing the RADIO MONITOR/LOUDNESS switch ⑩, Radio Monitor is activated and R MONI indicator ⑨ will light, you can receive the last tuned station or operate seek tuning UP ⑬ and DOWN ⑭. Push this switch for 3 seconds or more to activate LOUDNESS function; LOUD indicator lights up. Low frequency sound will be boosted at low sound contents. Push the switch again for 3 seconds or more to release the function.

RADIO OPERATION

MANUAL and AUTOMATIC SEEK TUNING

(7179M/L models only)

The radio does not operate in the tape play mode. To listen to the radio, eject the cassette by pressing the EJECT switch ③. Pressing the EJECT switch ③ during tape play causes the tape in the loading slot to be ejected.

1. Turn on the power by turning the VOLUME control/Power OFF switch ⑦ clockwise. Continue to rotate it until the desired volume level is reached.
2. Push Radio BAND select switch ⑬ for reception of MW, LW or FM (FM 1 or FM2). The radio BAND Indicator ④ will be on, and the ST [stereo] indicator ⑩ will also be on during FM stereo reception.
3. Adjust BASS ①, TREBLE ②, BALANCE ⑥, and FADER ⑤ controls to their center positions.
4. To automatically tune, press the SEEK TUNE button ⑮ and then either UP ⑬ or DN ⑭ tuning button. The SEEK indicator ② appears on the display and the frequency changes to indicate that the radio is in the auto SEEK tuning mode and

ready to stop at every strong station. Repeat the procedure until your desired station is obtained. When the radio reaches the upper or lower end of the band, it automatically starts scanning in the opposite direction. To return to manual tuning, press the SEEK TUNE button again, the SEEK indicator disappears.

5. To manually tune, press the Tuning Switch (UP) ⑬ for higher frequency broadcasts, and press the Tuning Switch (DN) ⑭ for lower frequency broadcasts.
6. Adjust VOLUME ⑰, BASS ①, TREBLE ②, BALANCE ⑲, and FADER ⑳, to suit your listening preference.
7. To switch from FM to MW/LW or vice versa press the BAND select switch ⑩.

Memory Operation (7179M/L models only)

1. Select FM1, FM2, MW or LW by pressing the BAND select switch ⑩.
2. Select a station manually or by SEEK tuning.
3. Press the MEMORy switch ㉑. The memory indicator ⑦ will light.
4. Press a Station Preset switch to preset the station in MEMORY.
5. Repeat steps 2, 3 and 4 to preset up to 6 stations per band (FM1, FM2, MW or LW) total 24 stations. Press one of the unused Station Preset switches ⑪ each time.
6. Press the Radio Band select switch ⑩ to preset six stations on another band. Follow Steps 2, 3, 4, and 5. Remember, there are altogether four (FM1, FM2, MW and LW) bands.
7. To tune in a frequency programmed into memory, press the desired station preset switch, 1 through 6. If the radio is set to MW or LW, you'll receive an MW or LW frequency. If in the FM mode, you'll receive an FM.
8. Adjust VOLUME ⑰, BASS ①, TREBLE ②, BALANCE ⑲, and FADER ⑳, to suit your listening preference.

MANUAL and AUTOMATIC SEEK TUNING (7179E model only)

The radio does not operate in the tape play mode. To listen to the radio, eject the cassette by pressing the EJECT switch ③.

1. Turn on the power by turning the VOLUME control/Power OFF switch ㉒ clockwise. Continue to rotate it until the desired volume level is reached.
2. Push Radio BAND select switch ⑩ for reception of AM or FM (FM 1 or FM2). The radio band Indicator ④ will be on, and the ST [stereo] indicator ⑩ will also be on during FM stereo reception.
3. Adjust BASS ①, TREBLE ②, BALANCE ⑲, and FADER ⑳ controls to their center positions.
4. To automatically tune, press the SEEK TUNE button ⑭ and then either UP or DN tuning button. The SEEK indicator ㉓ appears on the display and the frequency changes to indicate that the radio is in the auto SEEK tuning mode and ready to stop at every strong station. Press the tuning button until your desired station is obtained. When the radio reaches the upper or lower end of the band, it automatically starts scanning in the opposite direction. To return to manual tuning, press the SEEK TUNE button again, the SEEK indicator disappears.
5. To manually tune, press the Tuning Switch (UP) ⑬ for higher frequency broadcasts, and press the Tuning Switch (DN) ⑭ for lower frequency broadcasts.
6. Adjust VOLUME ⑰, BASS ①, TREBLE ②, BALANCE ⑲, and FADER ⑳, to suit your listening preference.
7. To switch from FM to AM or vice versa press the BAND select switch ⑩.

Memory Operation (7179E model only)

1. Select FM1, FM2, or AM by pressing the BAND select switch ⑩.
2. Select a station manually or by SEEK tuning.
3. Press the MEMORy switch ㉑. The memory indicator will light.
4. Press a Station Preset switch to preset the station in MEMORY.
5. Repeat steps 2, 3 and 4 to preset up to 6 stations per band (FM1, FM2 or AM) total 18 stations. Press one of the unused Station Preset switches ⑪ each time.

6. Press the Radio Band select switch ⑩ to preset six stations on another band. Follow Steps 2, 3, 4, and 5. Remember, there are altogether three (FM1, FM2, and AM) bands.
7. To tune in a frequency programmed into memory, press the desired station preset switch, 1 through 6. If the radio is set to AM, you'll receive an AM frequency. If in the FM mode, you'll receive an FM.
8. Adjust VOLUME ⑰, BASS ①, TREBLE ②, BALANCE ⑲, and FADER ⑳, to suit your listening preference.

FM STEREO/MONAURO Selection (MONO Switch)

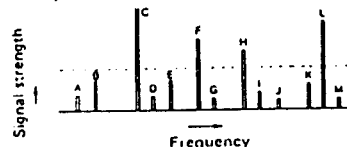
During stereo reception, should the signal level become weak (the "ST" indicator ⑩ in the display blinks), select monaural reception by pressing the MONO switch ㉔ to decrease noise level.

NOTE: Monaural mode has been set initially. Push the MONO switch ㉔ when a stereo broadcast is being received.

Local/Distance Switch Operation

You may select local or distance mode during SEEK tuning. When it is in the local mode (Distance (DX) indicator ㉕ is off), it allows you to tune in strong signal stations only (stations C, F, H and L as shown below). When it is in the distance mode (Distance (DX) indicator is on), weak and strong signal stations (stations from A through M) will be tuned in.

Once a station is tuned in by SEEK in local mode, the mode will automatically switch to distance mode for optimum reception.



NOTE: DX (Local/Distance) Switch ㉕ functions only in SEEK tuning.

Traffic Information Receiving (7179M model only)

This model is equipped with traffic information receiving apparatus to be used in West Germany where the traffic information is broadcast in FM. The following is how to use this unit to receive traffic information broadcasting.

1. Select FM position.
2. Depress the SDK switch and tune to a station. If the station is a traffic information station, the SK indicator will glow and show the reception of a broadcast from a traffic information station.
NOTE: SK Indicator
When SK signal is received irrespective of the SDK position, the SK indicator will illuminate.
3. In the SDK mode, stations other than traffic information stations are muted and cut out. Therefore, it is easy to select a traffic information station.
4. As the signal of the tuned traffic information station becomes weak, the SK indicator will extinguish, then after the lapse of 30 seconds, a rhythmical alarm will sound to urge retuning to another stronger station. If the reception of further traffic information is required, tune in the desired traffic information station. When received, the alarm will stop and the SK indicator illuminates. Since the alarm will continue if no signals from any other traffic stations can be received, release SDK switch for to stop the alarm and receive normal broadcasting.
5. When the unit is playing a cassette tape with the SDK switch pushed in and tuned to a traffic information station, the tape play is interrupted and changed to FM radio if the pre-tuned station begins a traffic information message. When the message is over, the unit reverts to tape play automatically.
6. Even if the VOLUME control is set to the minimum position, the volume of the traffic information will be automatically adjusted to proper level. After the message, the sound volume returns to the previously adjusted level.
7. If traffic information reception is no longer necessary, release SDK switch for normal radio reception.

Disassembly Instructions

1. Removal of Nosepiece

- (1) After removals of bracket handle, top cover and bottom cover, remove two control knobs (Volume, Balance) and two slide knobs as shown in Figure 1.
- (2) Remove two screws marked "O" and two hooks (A) as shown in Figures 1 and 2.

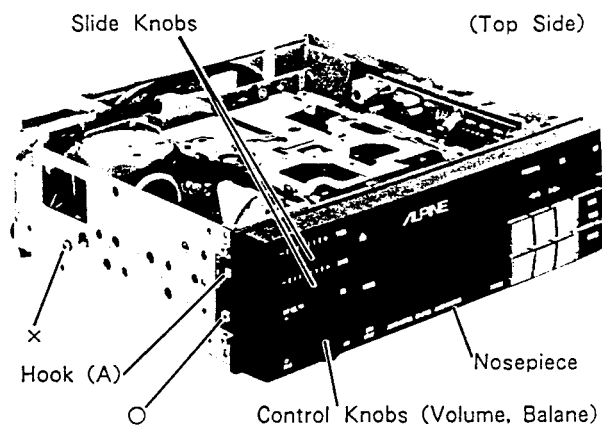


Figure 1

(Bottom Side)

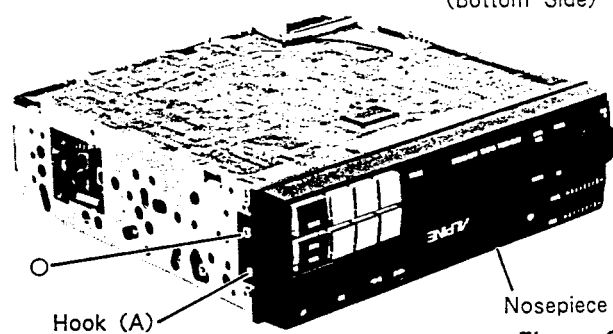


Figure 2

2. Removal of Cassette Deck

- (1) After removal of nosepiece, remove four screws marked "x" as shown in Figures 1 and 3.
- (2) Disconnect one connector from the cassette deck.

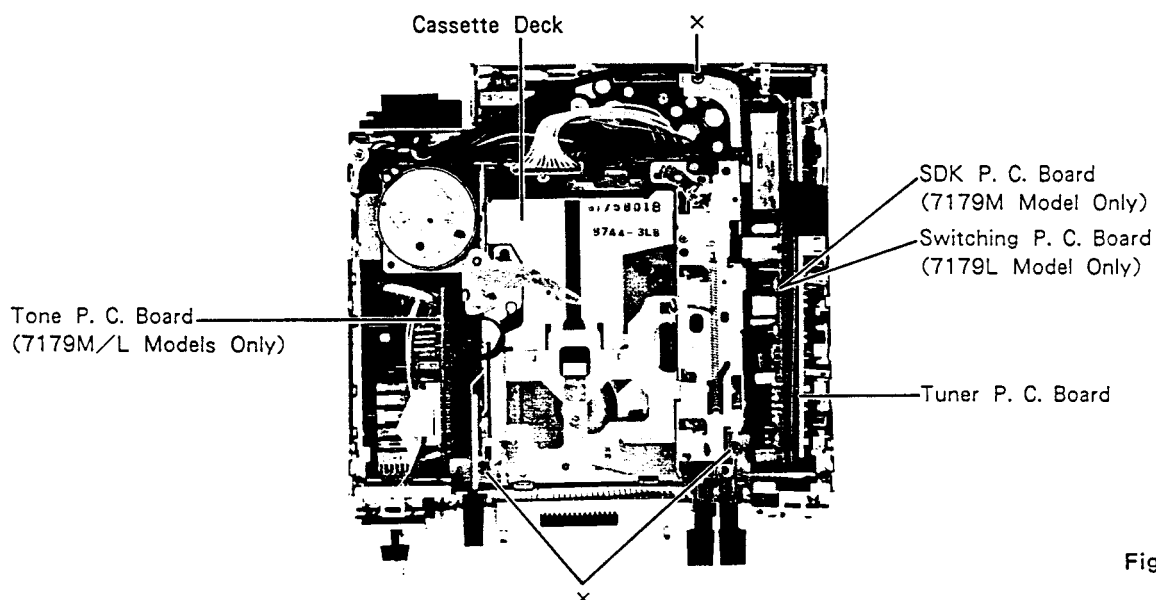


Figure 3

3. Removal of Display P. C. Board

- (1) After removal of cassette deck, remove two screws marked "◇" as shown in Figure 4.
 - (2) Remove the solder (c) as shown in Figure 6.
 - (3) Disconnect one wire from the Display P. C. Board.
- Note: Do not cut parallel wires from the Main P. C. Board by removing the solder (c).

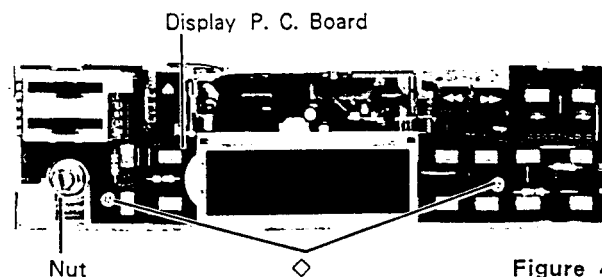


Figure 4

4. Removal of Tuner P. C. Board

- (1) Remove the solder (b) as shown in Figure 6.

5. Removal of Tone P. C. Board (7179M/L Models Only)

- (1) After removal of cassette deck, remove the solder (d) as shown in Figure 6.
- (2) Disconnect two connectors from the Tone P. C. Board.

6. Removal of SDK P. C. Board (7179M Model Only)

- (1) Remove the solder (e) and (f) as shown in Figure 6.

7. Removal of Switching P. C. Board (7179L Model Only)

- (1) Remove the solder (f) as shown in Figure 6.

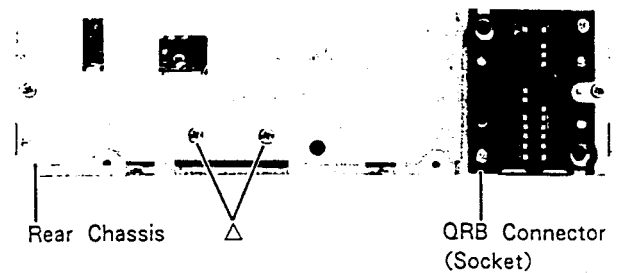


Figure 5

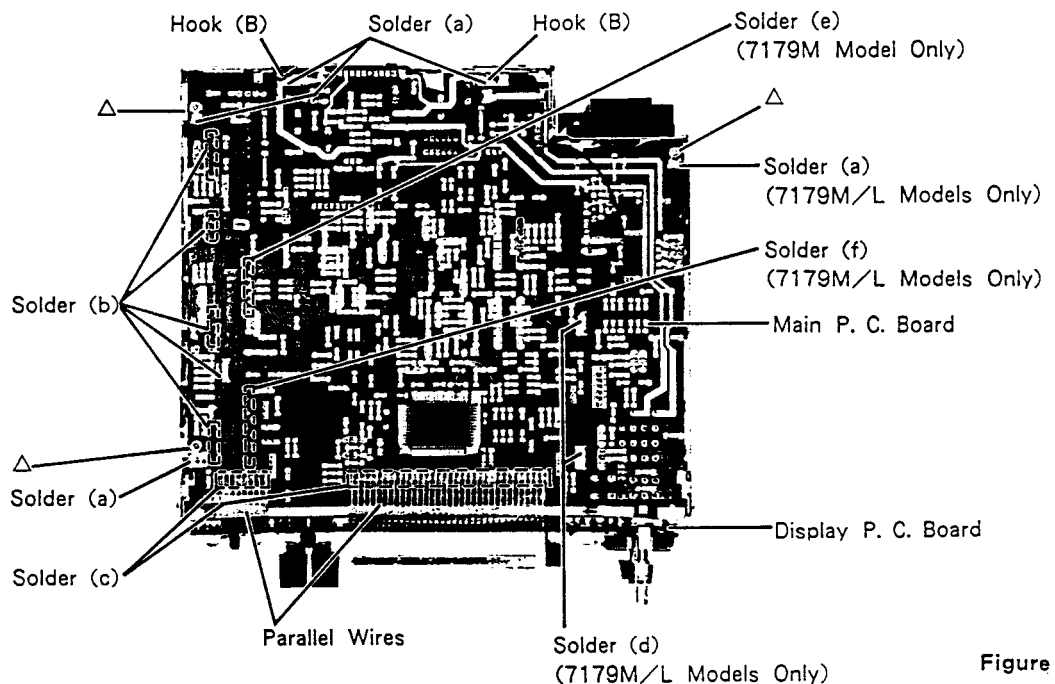


Figure 6

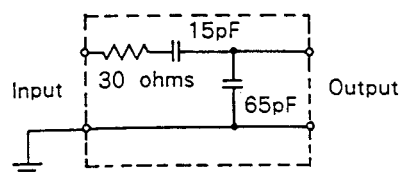
8. Removal of Main P. C. Board

- (1)-1 After removals of Display P. C. Board and Tuner P. C. Board, remove the solder (a) as shown in Figure 6. (7179E Model Only)
- (1)-2 After removals of Display P. C. Board, Tuner P. C. Board, Tone P. C. Board, SDK P. C. Board remove the solder (a) as shown in Figure 6. (7179M Model Only)
- (1)-3 After removals of Display P. C. Board, Tuner P. C. Board, Tone P. C. Board and Switching P. C. Board remove the solder (a) as shown in Figure 6. (7179L Model Only)
- (2) Remove a nut and two hooks (B) as shown in Figures 4 and 6.
- (3) Remove five screws marked "Δ" as shown in Figures 5 and 6.
- (4) Disconnect all wires from the Main P. C. Board.

Adjustment Procedures

1. AM SECTION

(1) Dummy Antenna Circuit



For 50 ohms AM Signal Generator

Figure 7

(2) Connections

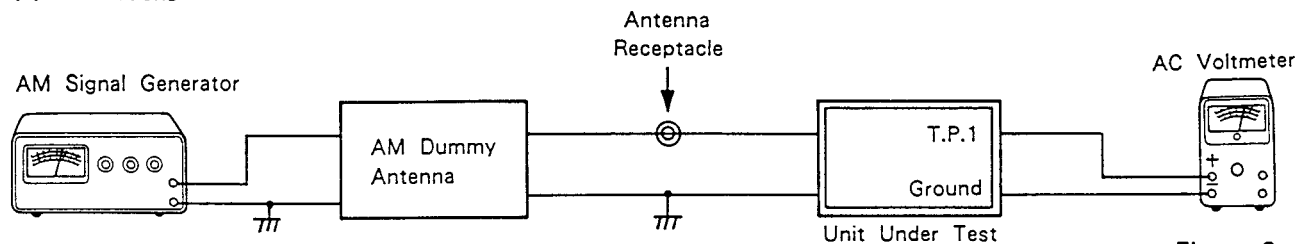


Figure 8

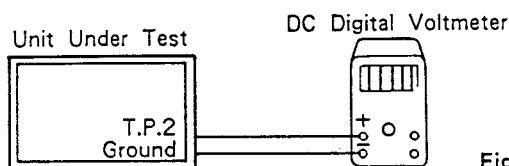


Figure 9

(3) Location of Adjustment Parts

See Adjustment Locations.

(4) Control Settings

Power Switch ON
 FM/AM Switch AM
 Others OFF

Balance Control Mechanical Center
 Treble/Bass Control Mechanical Center
 Fader Control Front Position

(5) Adjustment Procedures (7179E Model Only)

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	Band Covering	Figure 9	—	1,602kHz	VC3 for $7.5 \pm 0.1V$ Output.
2	Band Covering	Figure 9	—	531kHz	T3 for $1.7 \pm 0.05V$ Output.
3	Band Covering	Figure 9	—	—	Repeat Steps 1 and 2.
4	IF Adjustment	Figure 8	1,404kHz, 20dB μ	1,404kHz	T4, 5 for Maximum Output.
5	Tracking	Figure 8	1,404kHz, 20dB μ	1,404kHz	VC1, 2 for Maximum Output.
6	Tracking	Figure 8	603kHz, 20dB μ	603kHz	T6, 7 for Maximum Output.
7	Tracking	Figure 8	—	—	Repeat Steps 5 and 6.

(5) Adjustment Procedures (7179M/L Models Only)

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	Band Covering	Figure 9	—	152kHz	L8 for $2 \pm 0.1V$ Output.
2	IF Adjustment	Figure 8	999kHz, 20dB	999kHz	T3 for Maximum Output.
3	Tracking	Figure 8	999kHz, 20dB	999kHz	T1, 2 for Maximum Output.

2. SDK Section (7179M Model Only)

(1) Dummy Antenna

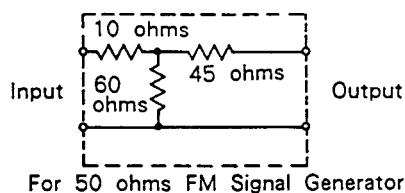


Figure 10

(2) Connections

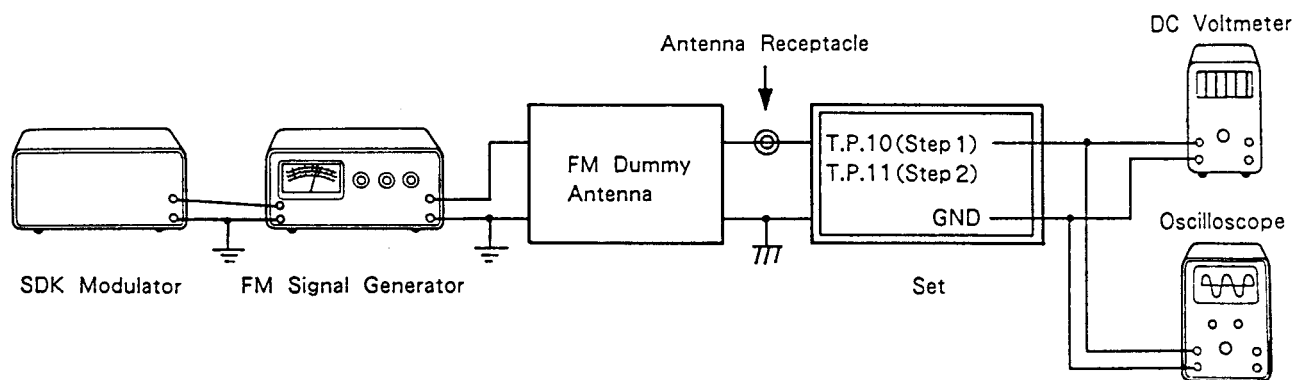


Figure 11

(3) Control Settings

Power Switch ON
 Band Select Switch SDK
 Balance Control Mechanical Center

Treble/Bass Controls Mechanical Center
 Fader Control Front Position
 Others OFF

(4) Adjustment Procedures

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	SK Adjustment	Figure 11	98.1MHz, 66dB μ (SK, BK : ON DK : OFF)	98.1MHz	L601 for Maximum Output of T.P.10.
2	DK Adjustment	Figure 11	98.1MHz, 66dB μ (SK, BK, DK : ON)	98.1MHz	VR601 for Maximum Output of T.P.11.

3. FM SECTION

(1) Dummy Antenna Circuit

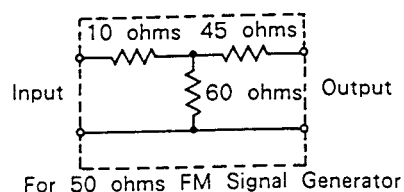
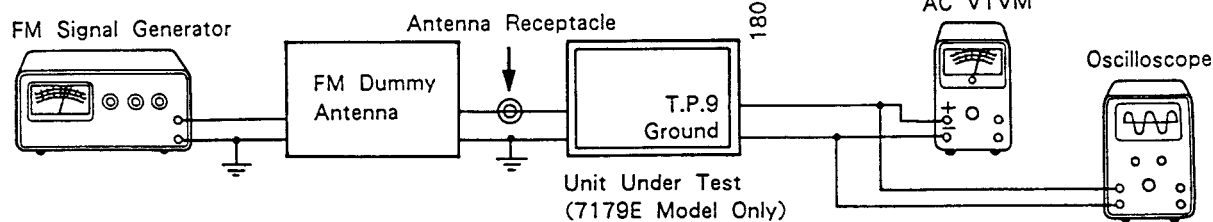
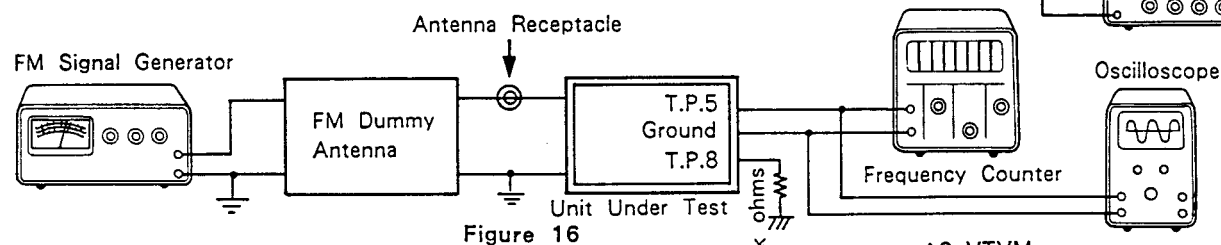
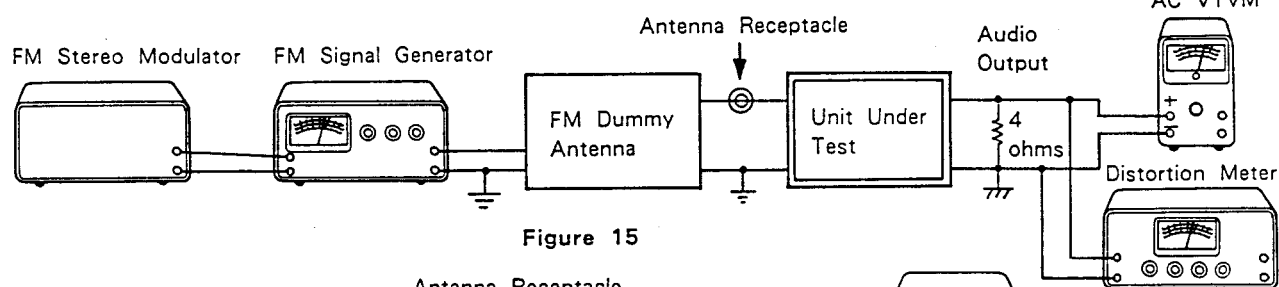
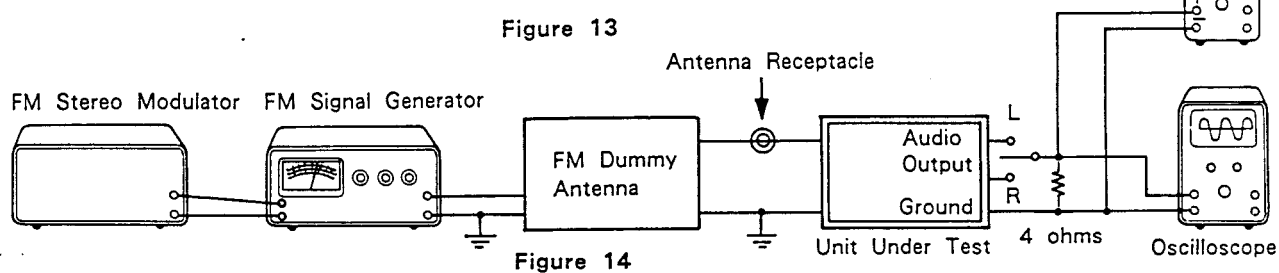
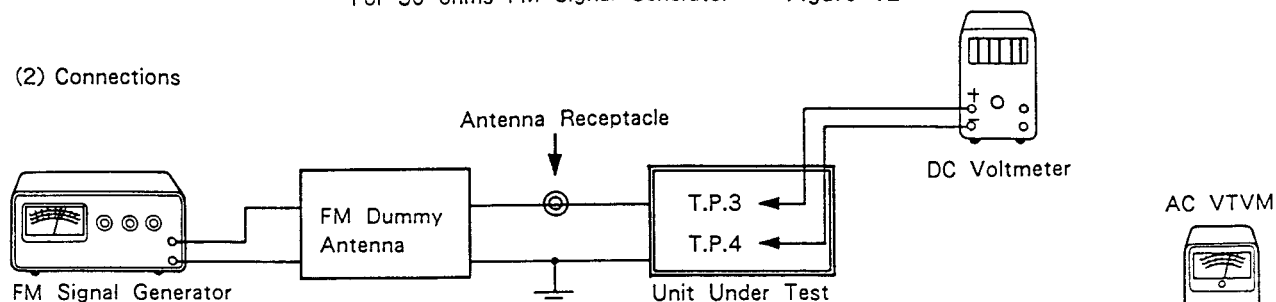


Figure 12

(2) Connections



(3) Location of Adjustment Parts

See Adjustment Locations.

(4) Control Settings

Power Switch ON
 FM/AM Switch FM
 Others OFF

Balance Control Mechanical Center
 Treble/Bass Control Mechanical Center
 Fader Control Front Position

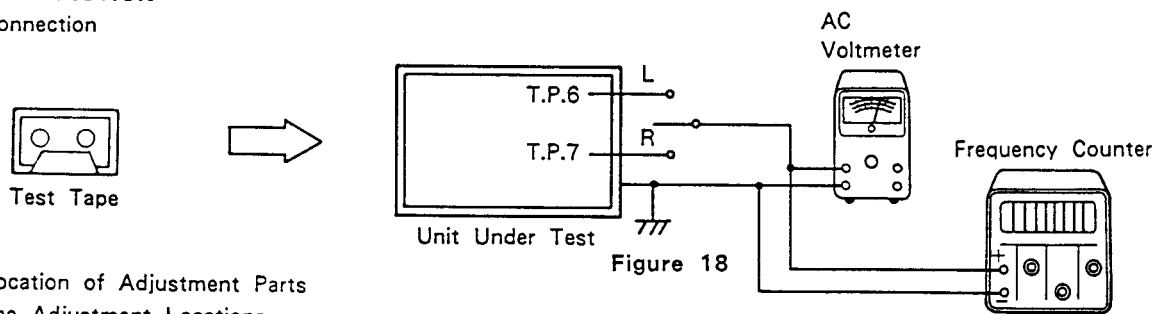
(5) Alignment Procedures

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	IF Adjustment	Figure 13	98.1MHz 66dB μ (Mono Signal, No Modulation)	98.1MHz	Confirm to receiving signal. T2 (7179E), T4 (7179M/ L) for $0V \pm 0.03V$ between T.P.3 and 4.
2	VCO Adjustment	Figure 16	98.1MHz 66dB μ (Mono Signal No Modulation)	98.1MHz	VR3 for $19 \pm 0.2kHz$ curve at T.P.5.
3	Separation Adjustment	Figure 14	98.1MHz 66dB μ , 1000Hz R (L) Signal, Modulation	98.1MHz	VR4 (7179E), VR5 (7179M /L) for min. at L (R) channel output.
4	FM Stereo Blend Adjustment	Figure 15	98.1MHz 66dB μ L Signal	98.1MHz	VR203-1, 2 (7179E), VR302-1, 2 (7179M/L) (VOLUME) for 2V at Lch. output.
			98.1MHz 46dB μ L Signal	98.1MHz	VR1 (7179E), VR4 (7179M /L) for $8 \pm 2dB$ separation.
5	Seek Stop Adjustment	Figure 17	98.1MHz 20dB μ (Mono Signal, No Modulation)	98.1MHz	Adjust VR2 for the waveform changing from Low to High.
6	Noise Level Adjustment	Figure 14	98.1MHz 66dB μ (Mod. 400Hz, Dev. 22.5kHz)	98.1MHz	VR302-1, 2 (VOLUME) for 2V at Lch output.
			98.1MHz -10dB μ (Mod. 400Hz, Dev. 22.5kHz)	98.1MHz	VR1 for -25 to -35dB at Lch output.

*Step 6..... 7179M/L Models Only.

4. TAPE SECTION

(1) Connection

(2) Location of Adjustment Parts
See Adjustment Locations

(3) Control Settings

Power Switch ON
 Fader Control Front Position
 Balance Control Mechanical Center
 Treble/Bass Control Mechanical Center
 Others Switch OFF

(4) Adjustment Procedures

Step	Description	Test Tape	Connection	Test Point	Adjustment Point	Adjustment
1	Head Azimuth Adjustment	MTT-114NB (14kHz)	Figure 18	T.P.6, T.P.7	Head Azimuth Adjustment Screw (Figure 19)	Adjust for max. and the same level output at normal and reverse positions.
2	Tape Speed Adjustment	MTT-111 (3kHz)	Figure 18	T.P.6 or T.P.7	Tape Speed Adjustment Volume (Figure 20)	3,030-3.080Hz.

Adjustment Locations

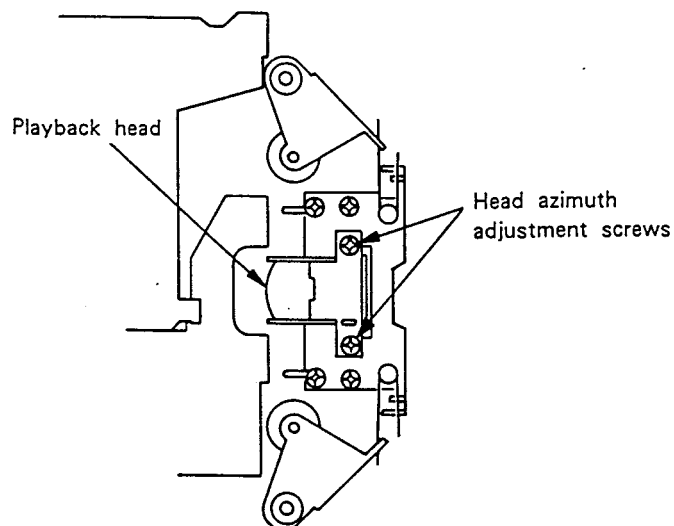


Figure 19

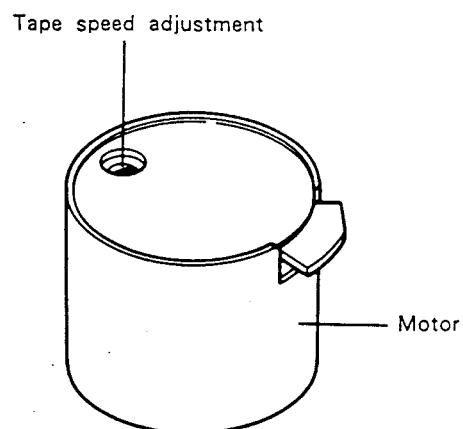
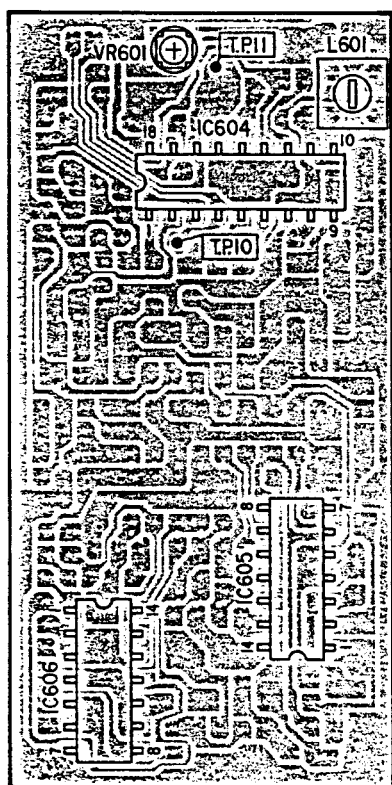
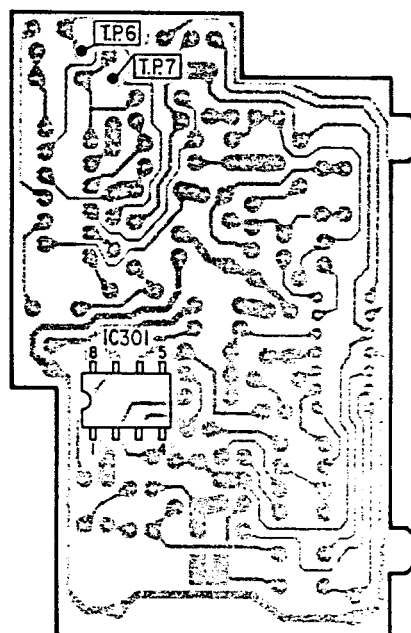


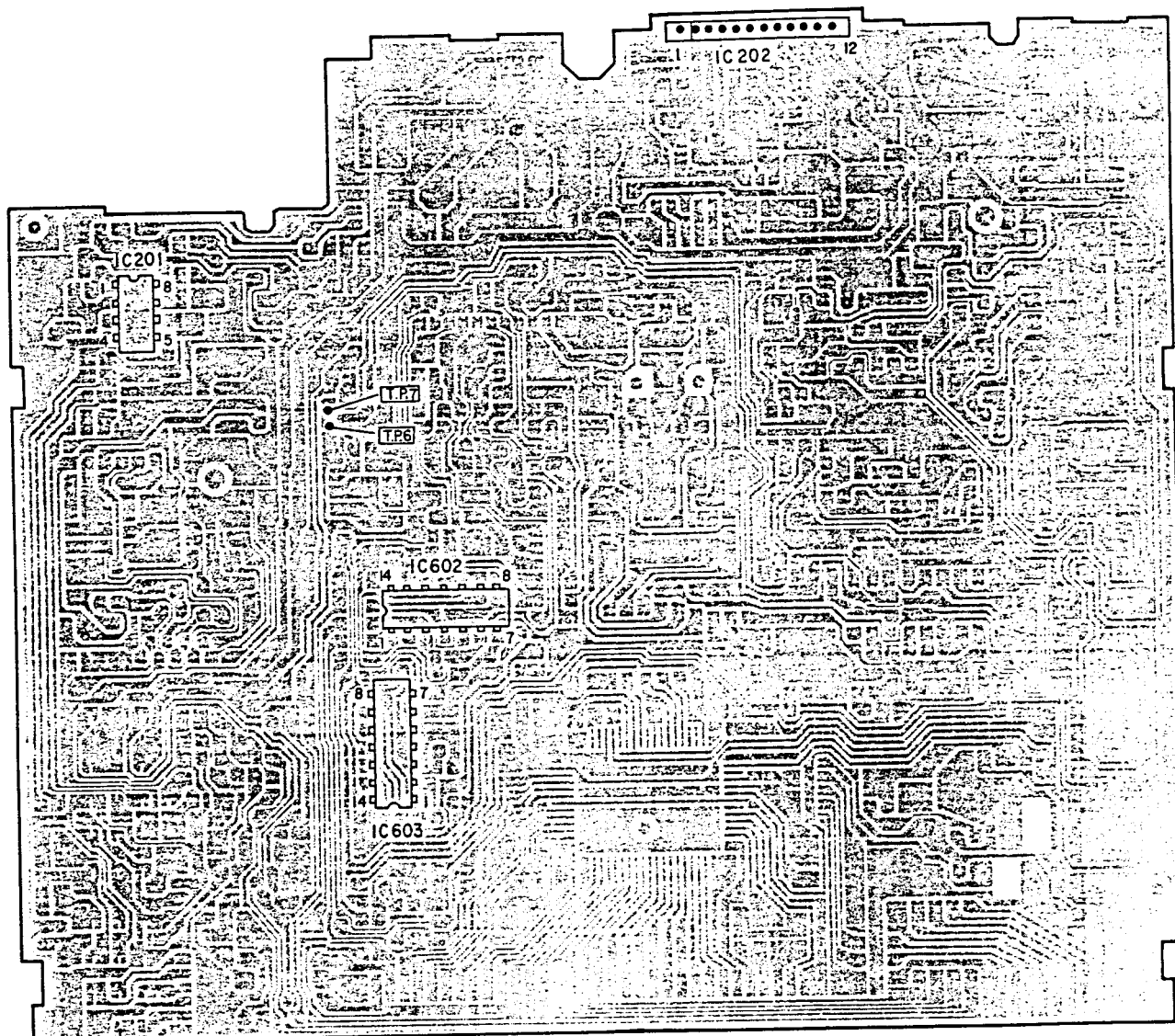
Figure 20



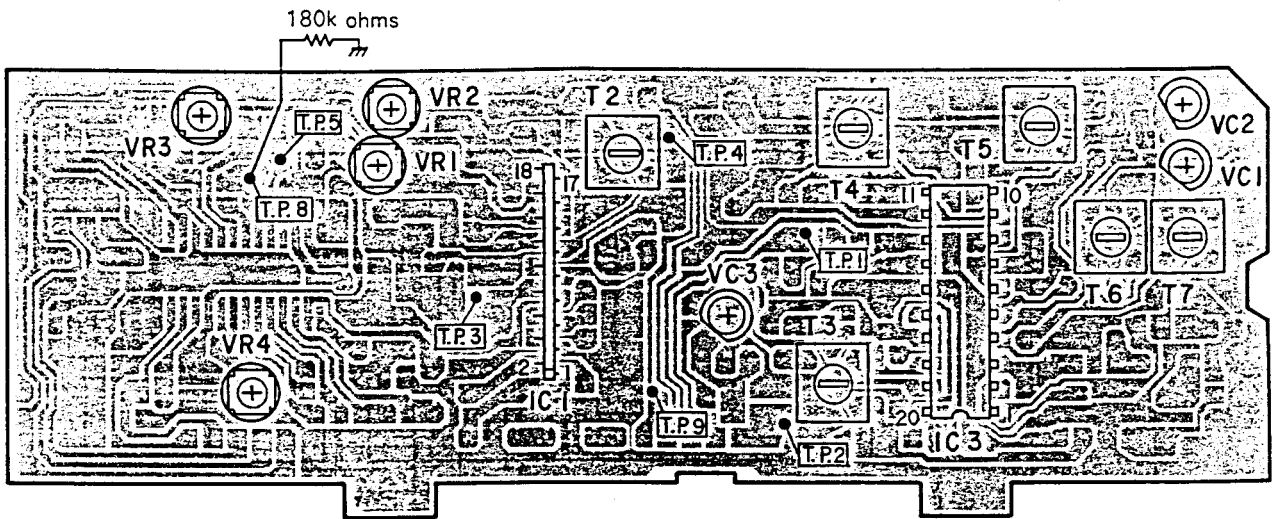
SDK P. C. Board (Top View)
(7179M Model Only)



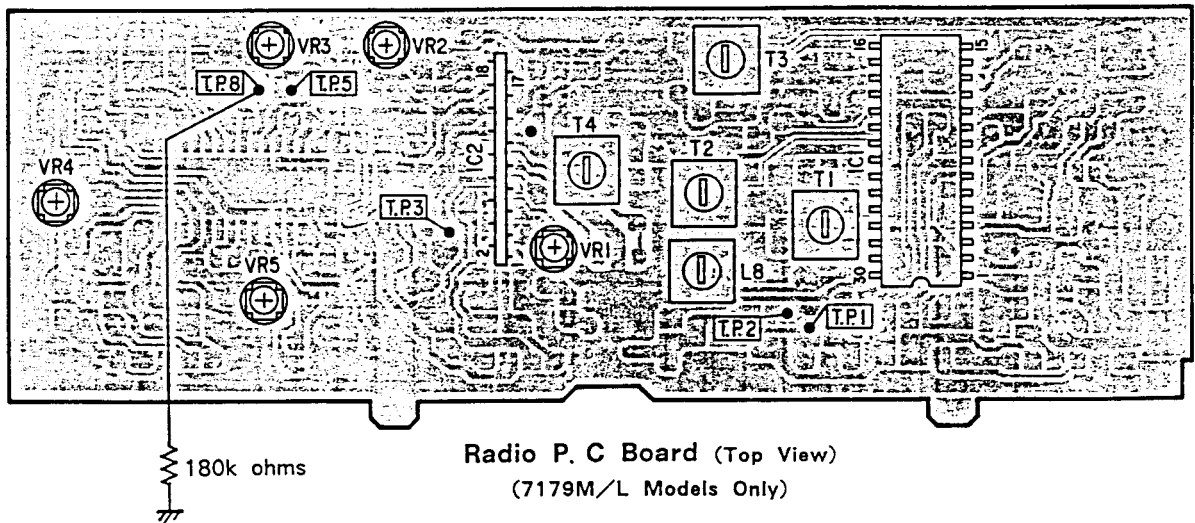
Tone P. C. Board (Top View)
(7179M/L Models Only)



Main P. C. Board (Top View)
(7179E Model Only)



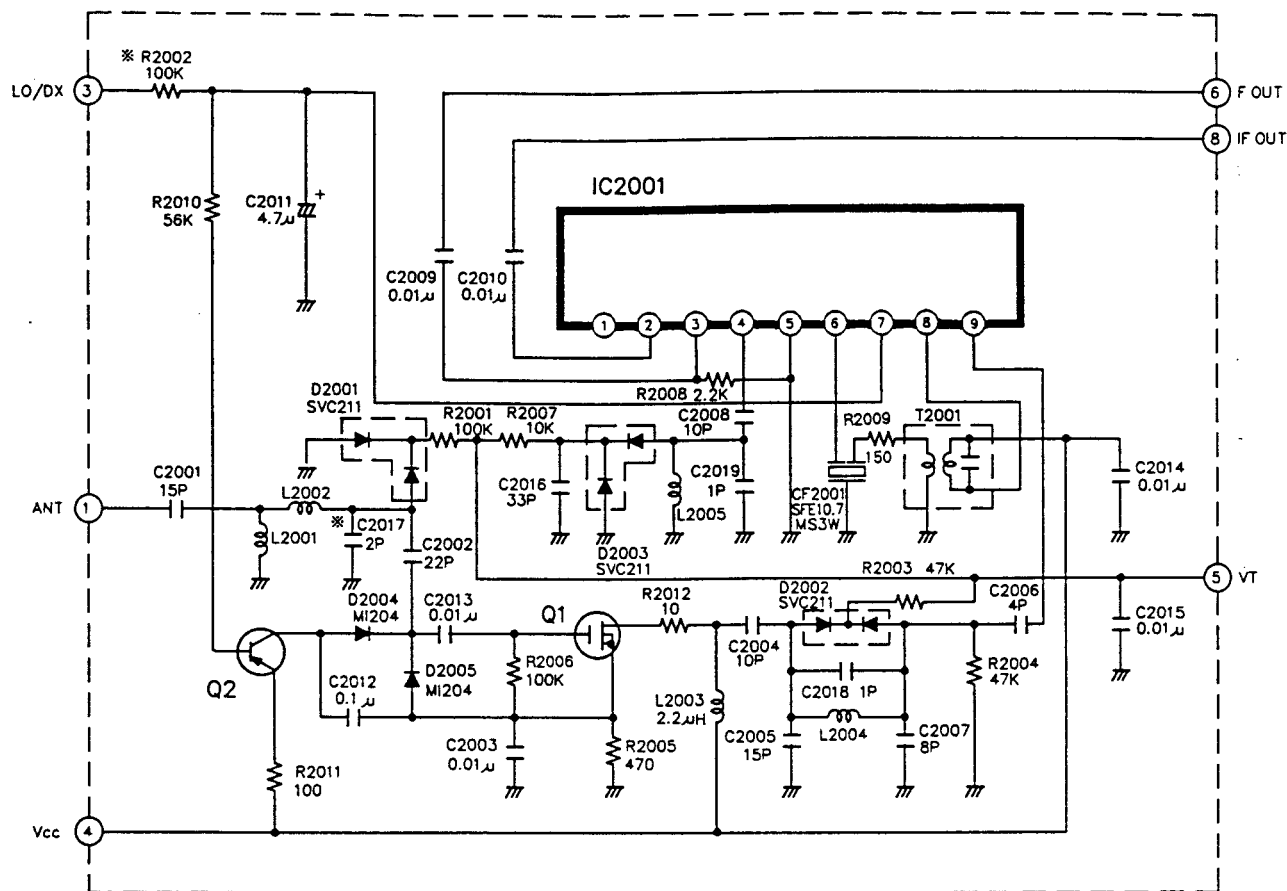
Tuner P. C. Board (Top View)
(7179E Model Only)



Radio P. C. Board (Top View)
(7179M/L Models Only)

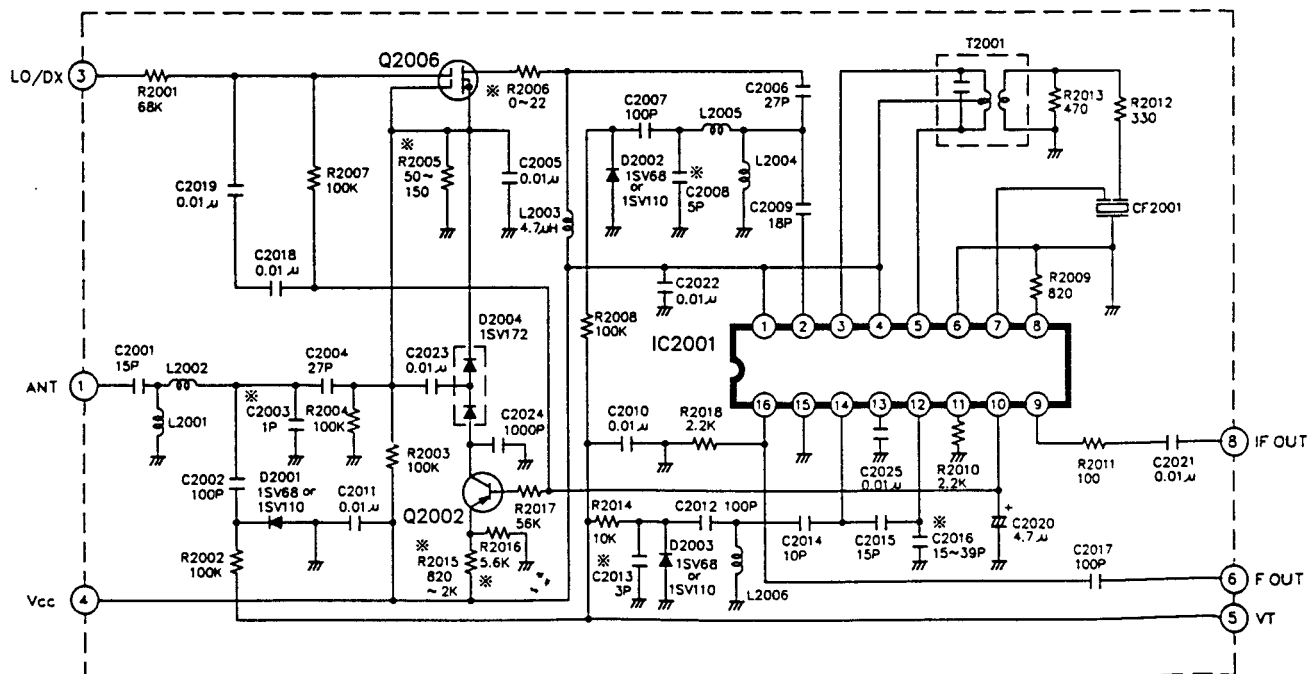
FM Tuner Schematic Diagram

(7179M/L Models Only)



NOTE : PARTS MARKED * ARE FOR ADJUSTMENT.

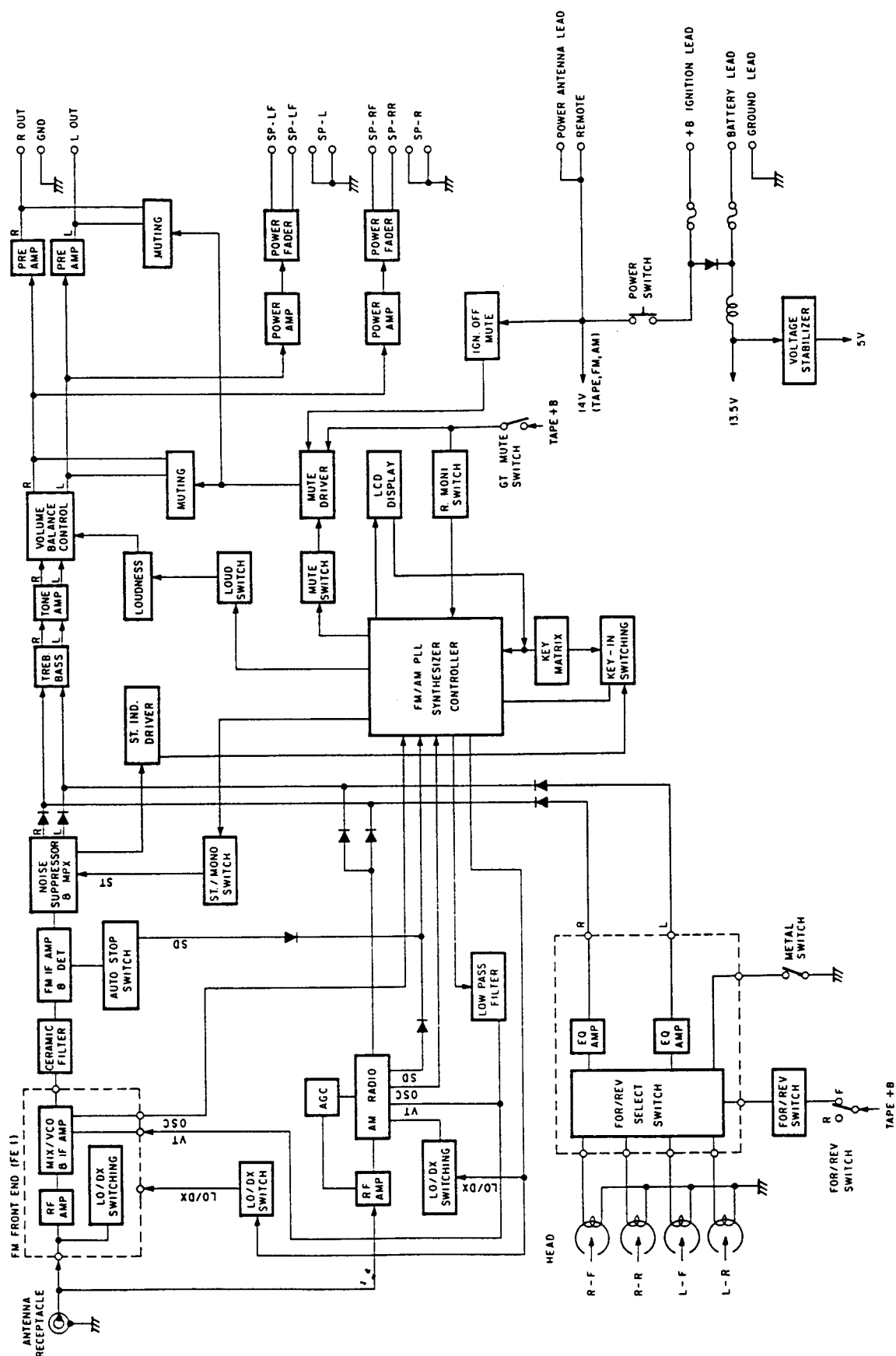
(7179E Model Only)



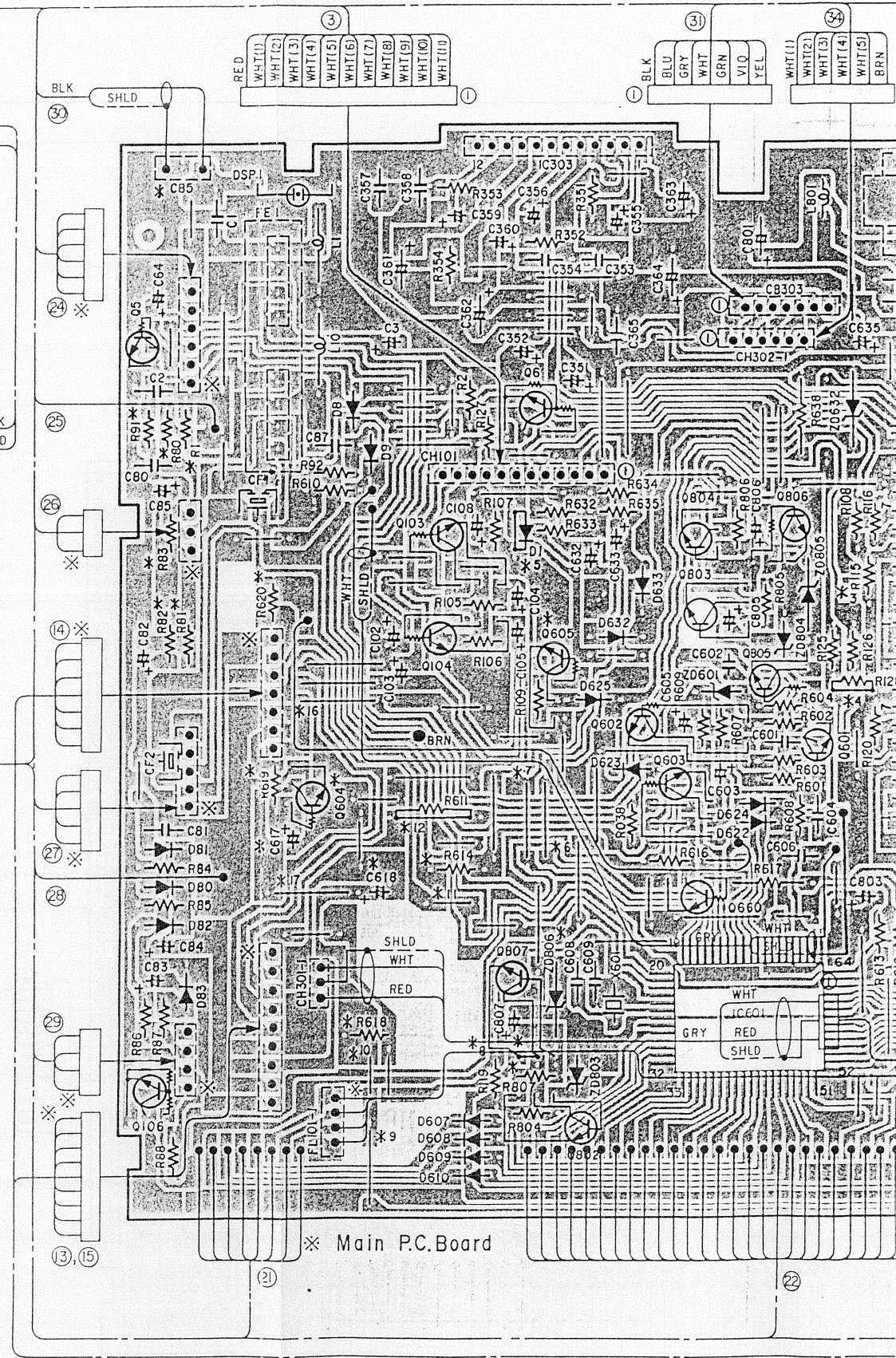
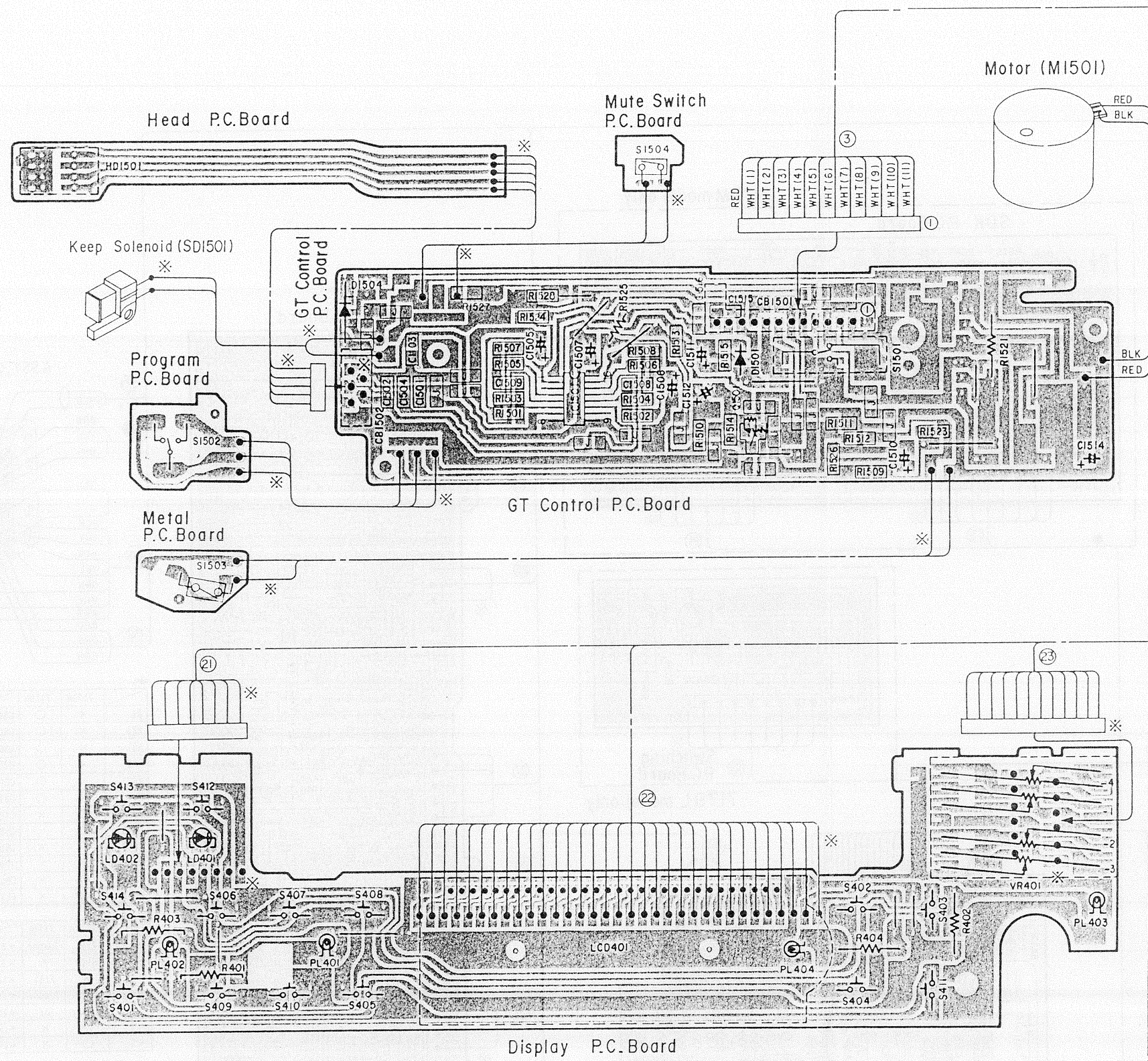
NOTE: PARTS MARKED * ARE FOR ADJUSTMENT.

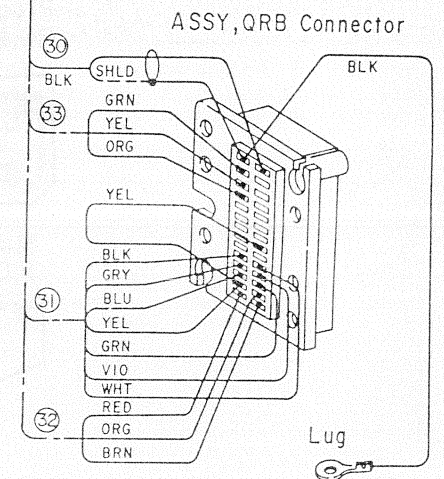
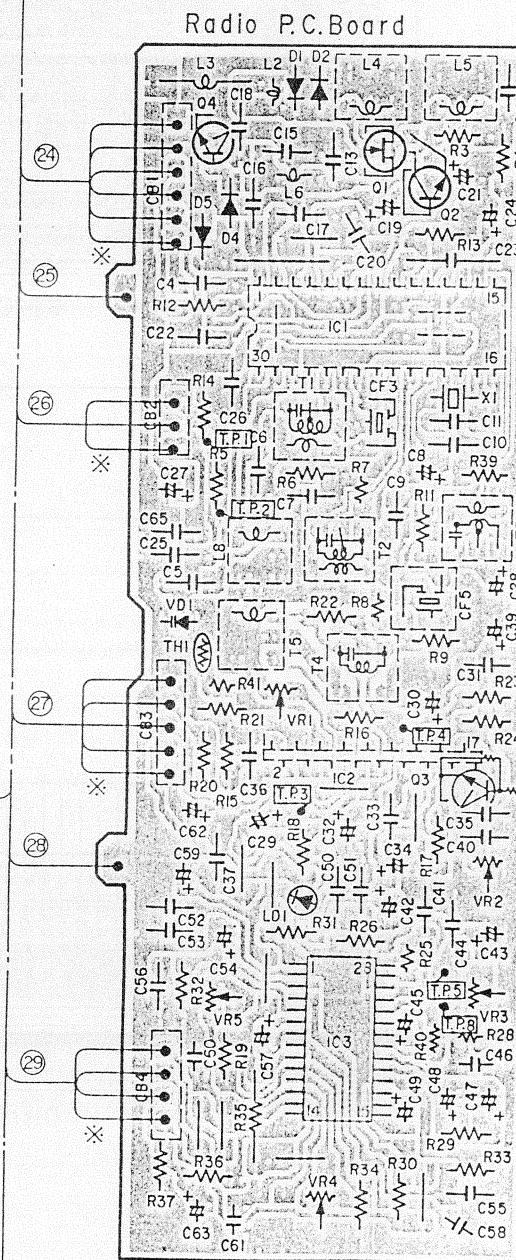
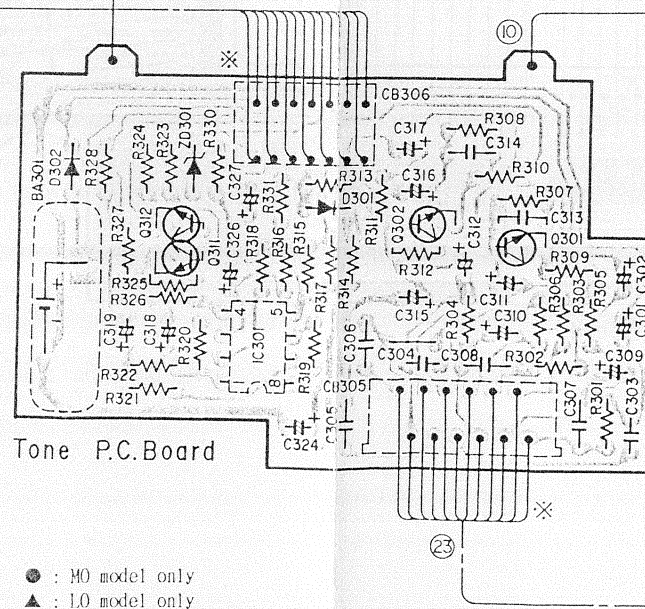
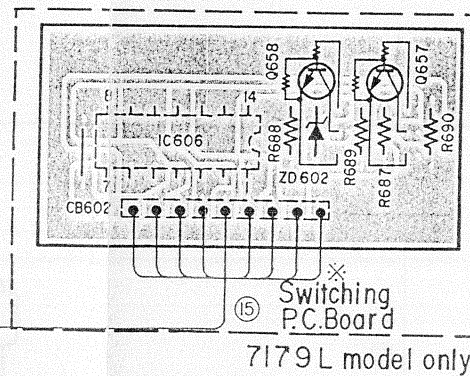
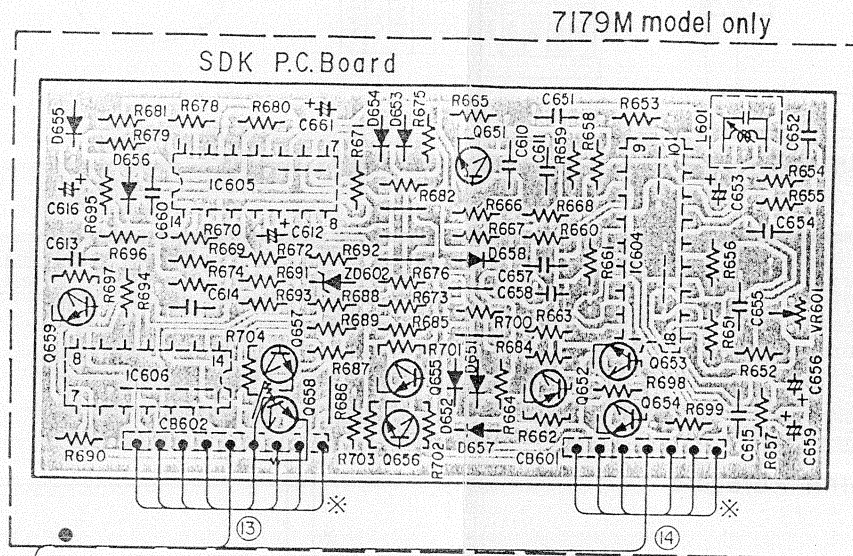
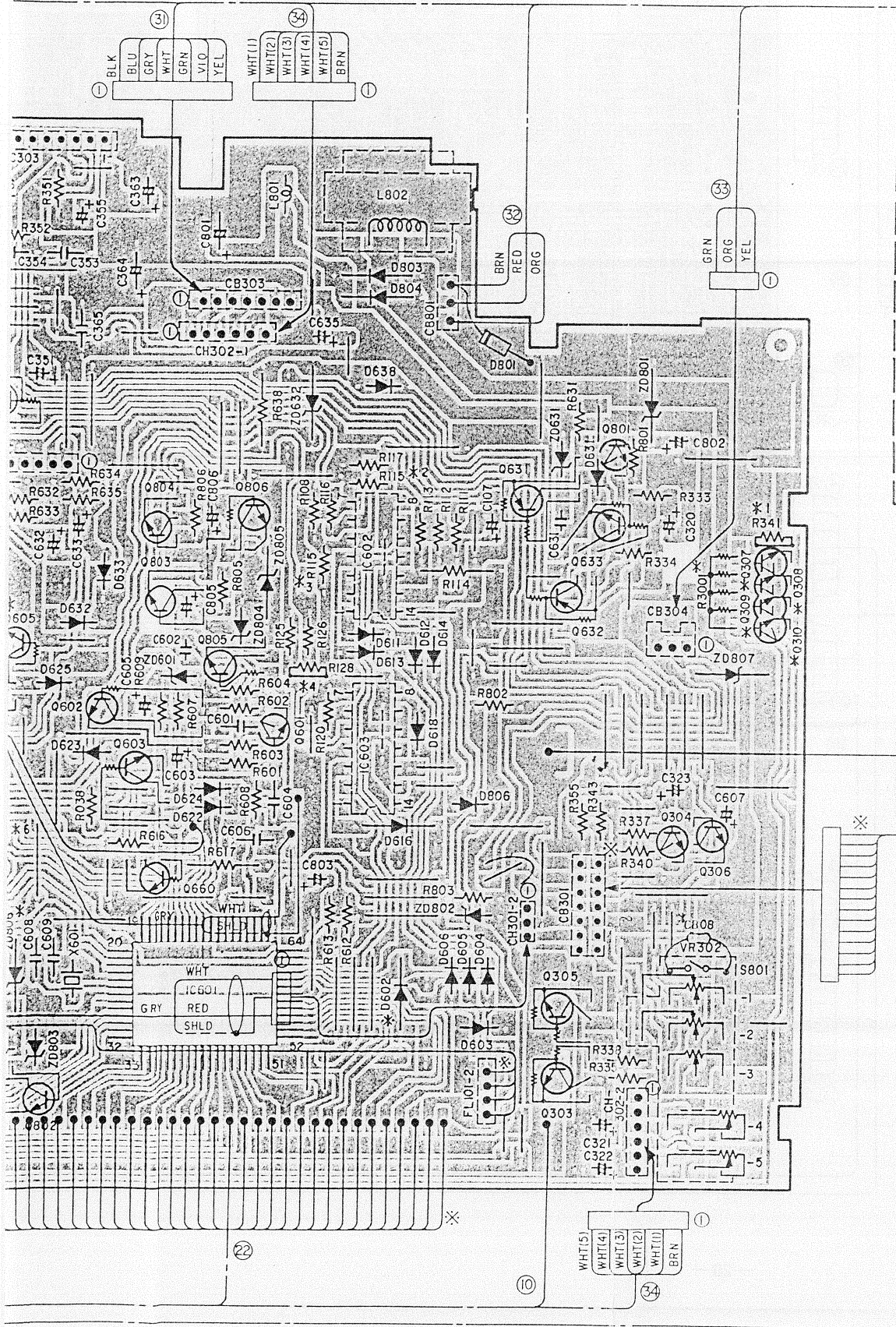


Block Diagram (7179E Model Only)



Parts Layout on P.C. Boards and Wiring Diagram ●7179M/L Models Only





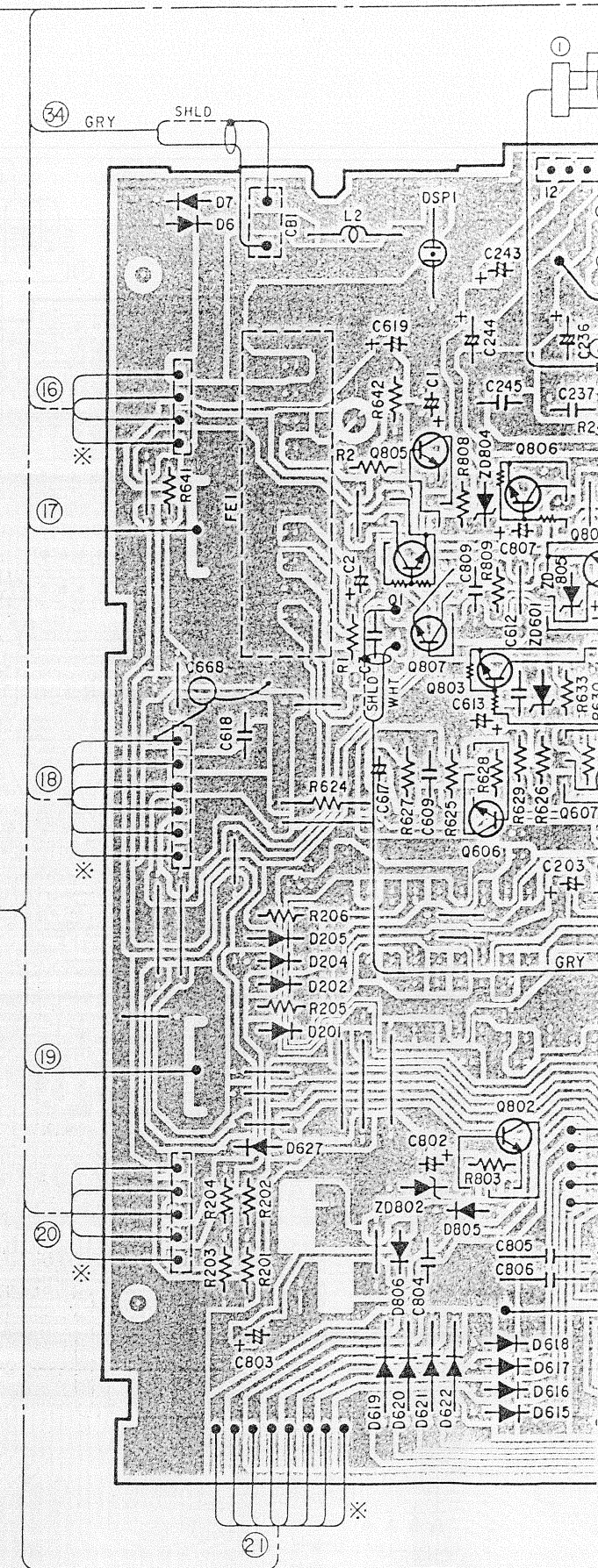
	7179M	7179L	7179M	7179L
R1	×	×	C618	×
R80	×	×	C807	×
R81	×	×	Q307	×
R82	×	×	Q308	×
R83	×	×	Q309	×
R91	×	×	Q310	×
R125	×	×	Q604	×
R618	×	×	Q605	×
R619	×	×	D602	×
R807	×	×	ZD806	×
R3001	×	×	CB5	×
C617	×	×	FE1	×

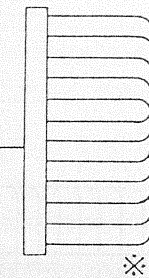
	7179M	7179L	7179M	7179L
*1	R341	Jumper	*8	Q807
*2	R115	×	*9	Q807
*3	×	R115	*10	Q807
*4	R128	Jumper	*11	Q807
*5	Jumper	D1	*12	R111
*6	×	×	*16	Q807
*7	×	×	*17	Q807

○ : Used
 × : Not Used

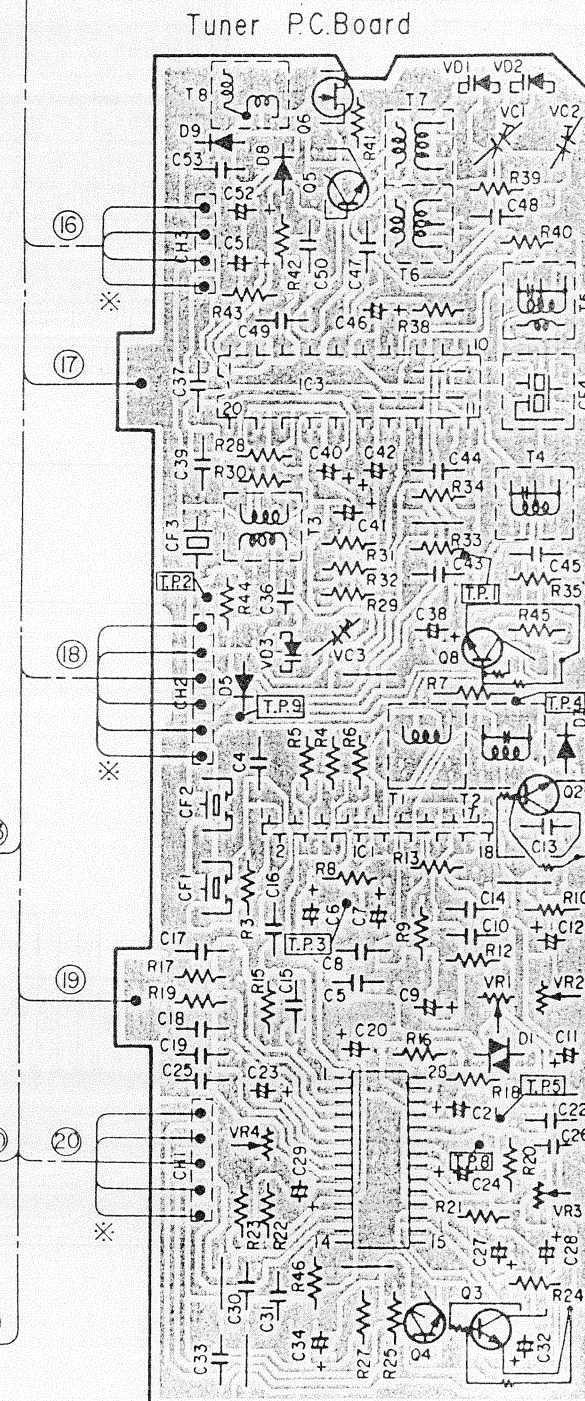
BLU Blue
 GRN Green
 BLK Black
 GRY Gray
 WHT White
 RED Red
 BRN Brown
 ORG Orange
 YEL Yellow
 PNK Pink
 VIO Violet
 GRN/WHT Green/White
 GRY/WHT Gray/White
 GRY/YEL Gray/Yellow
 GRN/YEL Green/Yellow

FORMS 4-6 FORMS 4-6

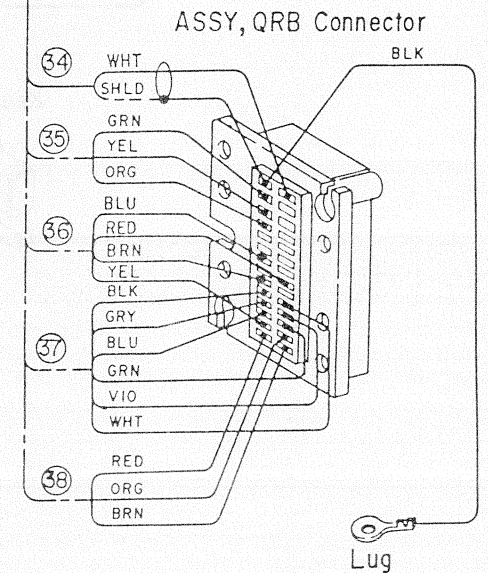




Main P.C.Board



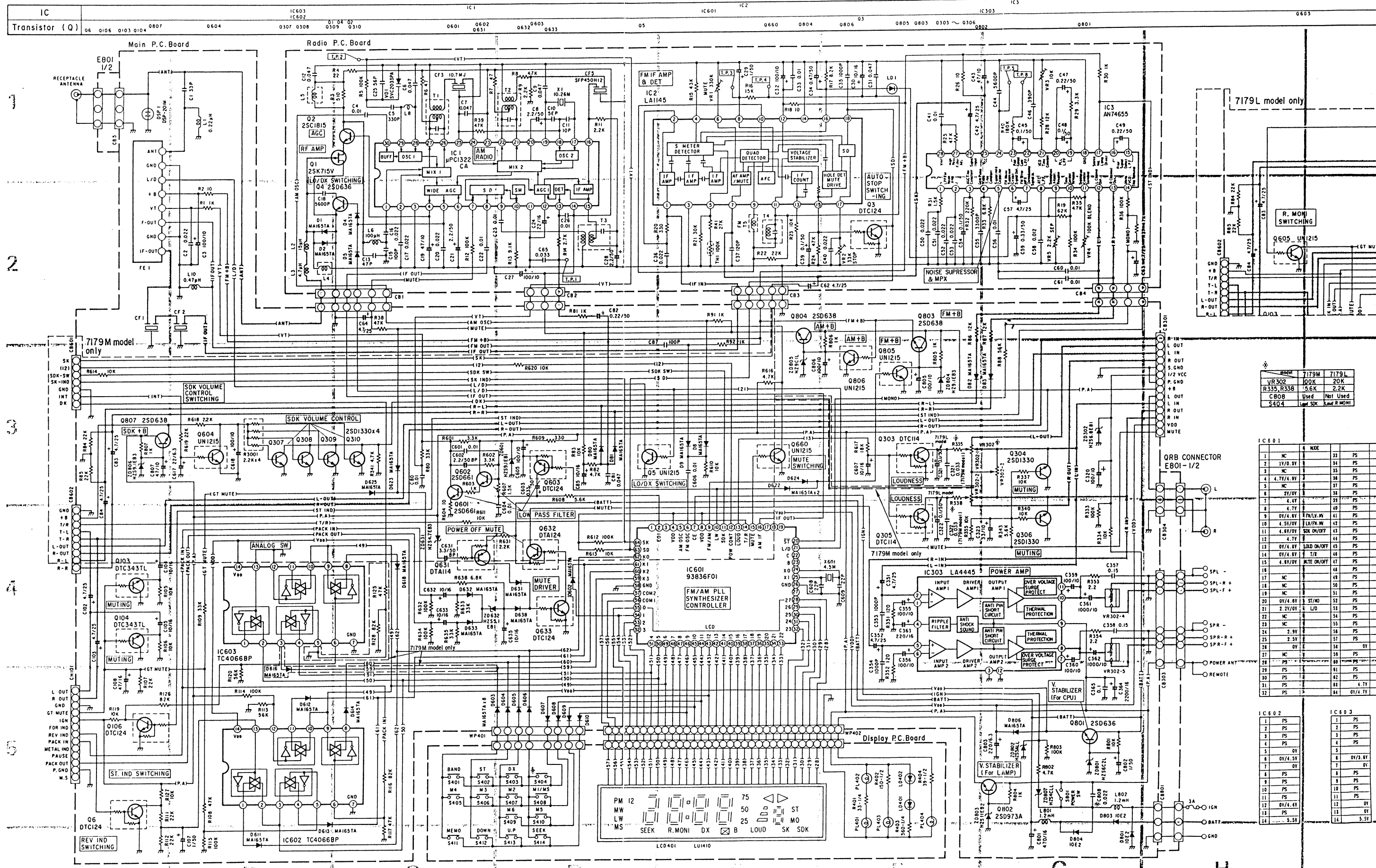
Tuner P.C.Board

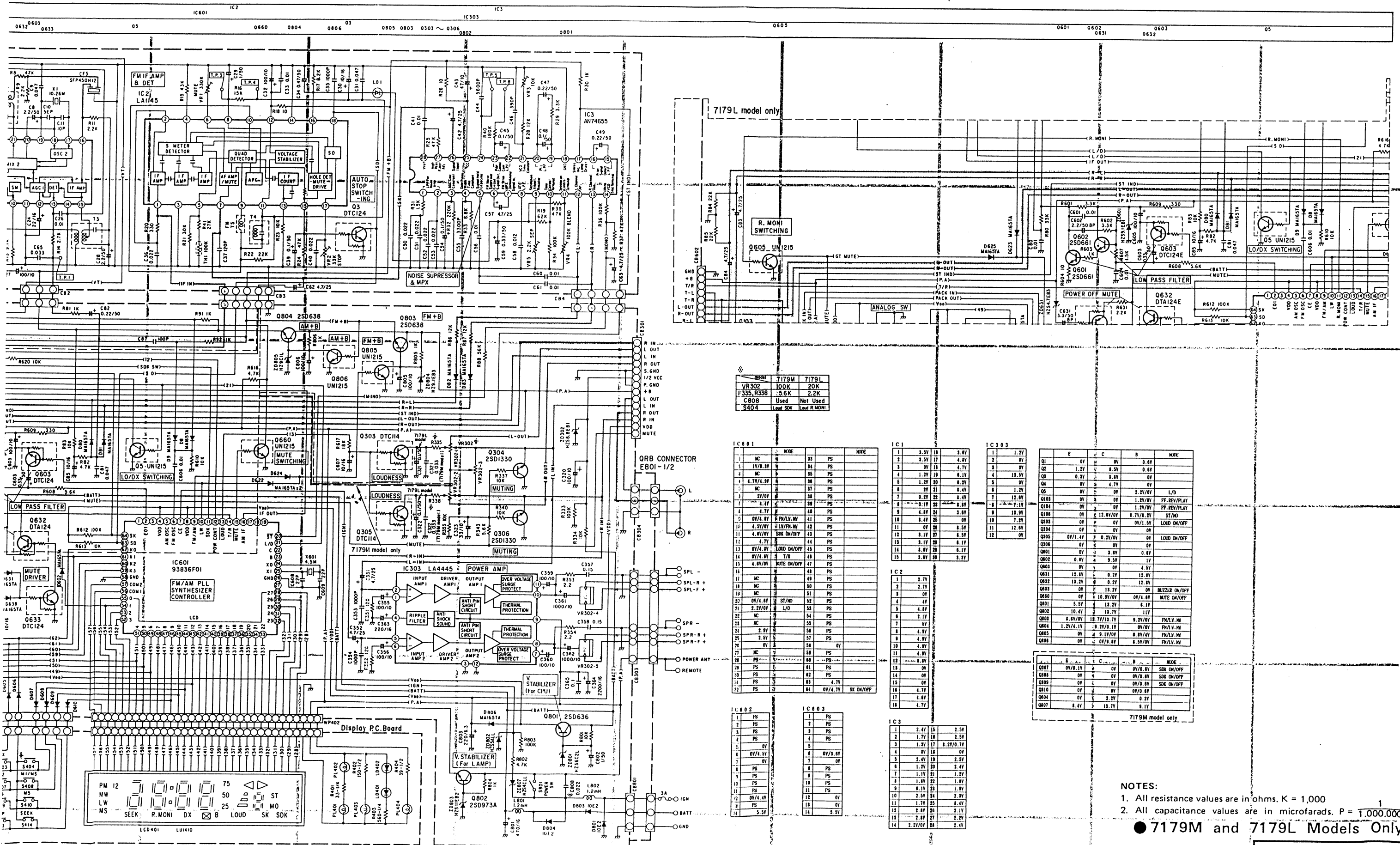


ASSY, QRB Connector

- | | |
|---------|--------------|
| BLU | Blue |
| GRN | Green |
| BLK | Black |
| GRY | Gray |
| WHT | White |
| RED | Red |
| BRN | Brown |
| ORG | Orange |
| YEL | Yellow |
| PNK | Pink |
| VIO | Violet |
| GRN/WHT | Green/White |
| GRY/WHT | Gray/White |
| GRY/YEL | Gray/Yellow |
| GRN/YEL | Green/Yellow |
| SHLD | Shield |

Schematic Diagram (1/3)



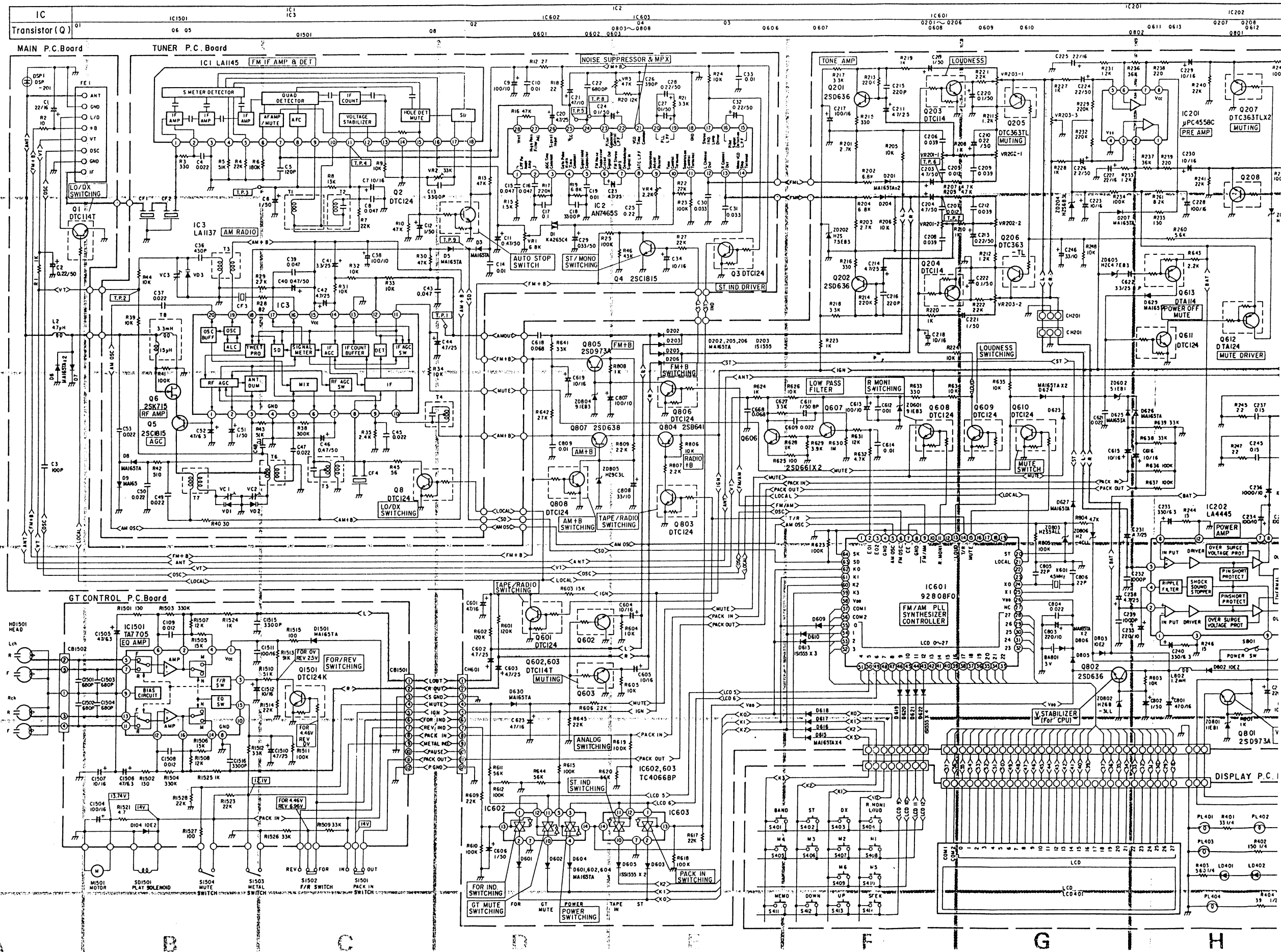


NOTES:
 1. All resistance values are in ohms. K = 1,000
 2. All capacitance values are in microfarads. P = 1,000,000

● 7179M and 7179L Models Only

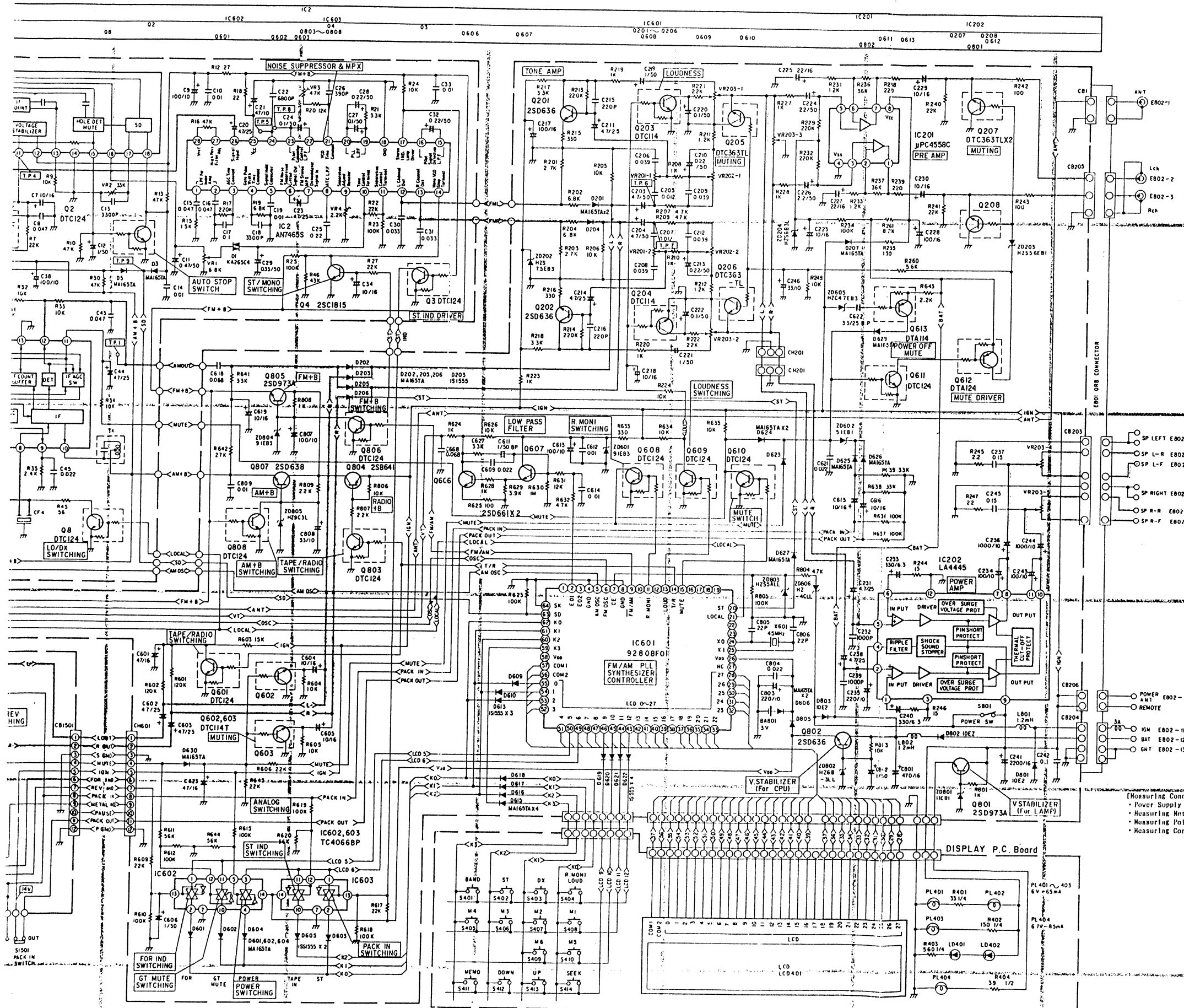
7179M/L/E

Schematic Diagram (2/3)



● 7179E Model Only

7179M/L/E



IC 201				IC 203			
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
0V/0V	0V/7.3V	4.3V/0V	L/D	1	6.7V	1	12.9V
0V	5.4V	0V	S/D	2	6.7V	2	0V
0V	0V/0.6V	0V/4.2V	ST IND	3	6.7V	3	0V
0V	2.4V/0V	0V/0.7V	ST MND	4	0V	4	14V
1.8V	8.7V	2.4V	MUTE	5	6.7V	5	0V
0V	0V	0.7V/0V	MUTE	6	6.7V	6	12.9V
0.5V	2.6V	1.14V	LOOK	7	6.7V	7	13V
0V	0V	0V/4.3V	LOOK	8	12.7V	8	7.1V
0V	0V	0V/4.3V	MUTE	9		9	14V
0V	0V	0V/4.3V	MUTE	10		10	7.2V
0V	0V	0V/4.3V	MUTE	11		11	13V
0V	0V	0V/4.3V	MUTE	12		12	0V

IC 501			
Q1	Q2	Q3	Q4
1	12.9V		
2	2.91V		
3	0V	FM	
4	2.48V	REV	
5	2.88V		
6	2.85V		
7	2.85V		
8	0V		
9	2.84V		
10			
11	2.85V		
12	2.85V		
13	2.85V		
14	2.88V		
15	9.5V	METAL	
16	0V	NORMAL	

IC 601			
Q1	Q2	Q3	Q4
1	6.7V	33	PS
2	1.1V	34	PS
3	4.4V	35	PS
4	0V	36	PS
5	1.7V	AM OSC	37
6	1.8V	FM OSC	38
7	4.4V	39	PS
8	0V	40	PS
9	0V/4.5V	FM/AM	41
10	0V	42	PS
11	4.4V	MONI	43
12	4.4V	44	PS
13	0V	45	PS
14	4.4V	46	PS
15	4.4V	47	PS
16	0V	48	PS
17	4.4V	49	PS
18	4.4V	50	PS
19	4.4V	51	PS
20	4.4V	52	PS
21	4.3V/0V	53	PS
22	4.3V	54	PS
23	4.3V	55	PS
24	1.8V	56	PS
25	1.8V	57	PS
26	4.4V	58	PS
27	PS	59	PS
28	PS	60	PS
29	PS	61	PS
30	PS	62	PS
31	PS	63	PS
32	PS	64	PS

IC 602			
Q1	Q2	Q3	Q4
1	PS	0V	
2	PS	0V	
3	PS	0V	
4	PS	0V	
5	PS	0V	
6	0V	6	0V
7	0V	7	0V
8	0V	8	0V
9	0V	9	0V
10	PS	0V	
11	PS	0V	
12	5.8V	12	4.5V
13	3V	13	4.9V
14	5.2V	14	5.2V

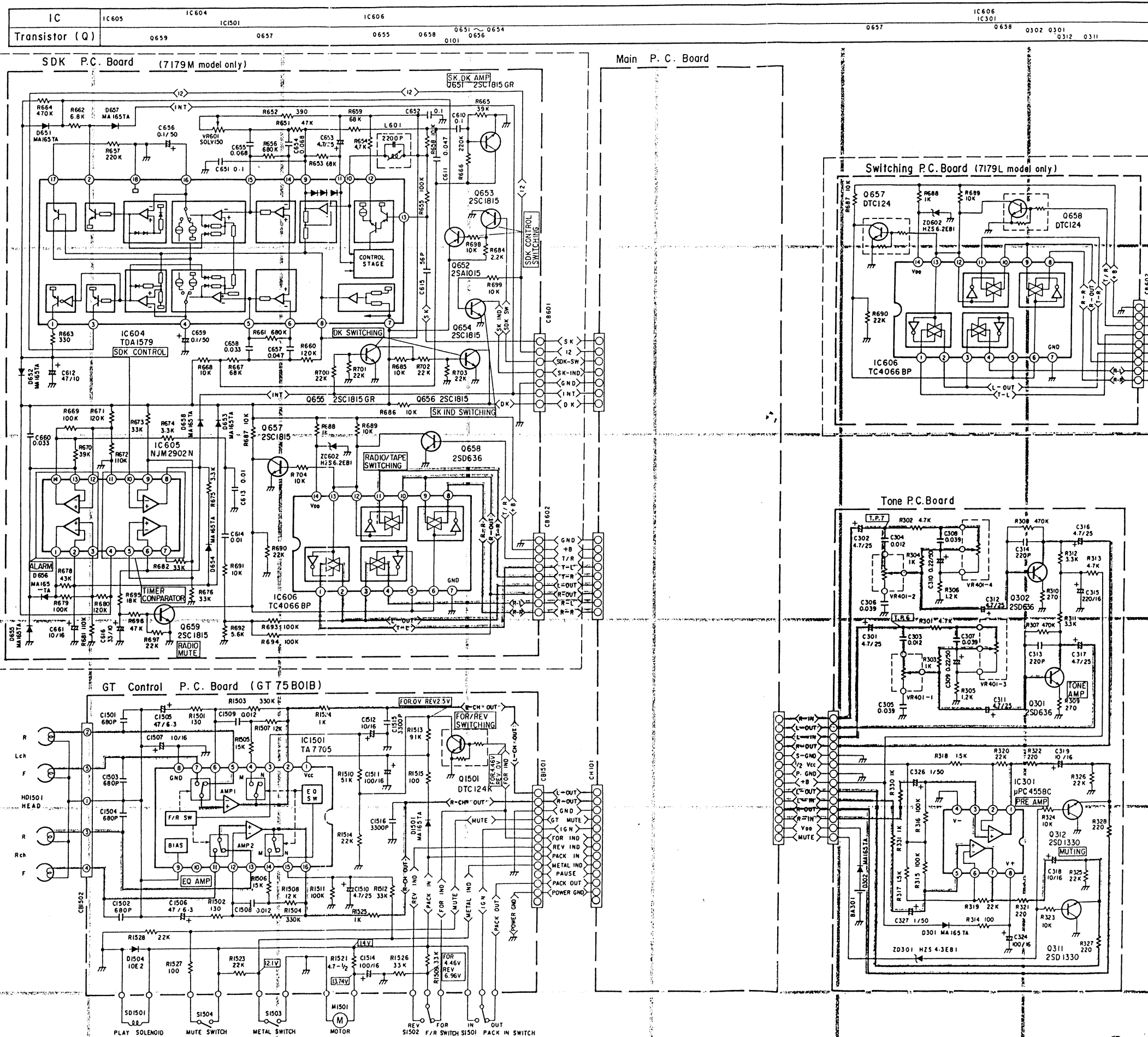
IC 603			
Q1	Q2	Q3	Q4
1	PS	0V	
2	PS	0V	
3	PS	0V	
4	PS	0V	
5	PS	0V	
6	0V	6	0V
7	0V	7	0V
8	0V	8	0V
9	0V	9	0V
10	PS	0V	
11	PS	0V	
12	5.8V	12	4.5V
13	3V	13	4.9V
14	5.2V	14	5.2V

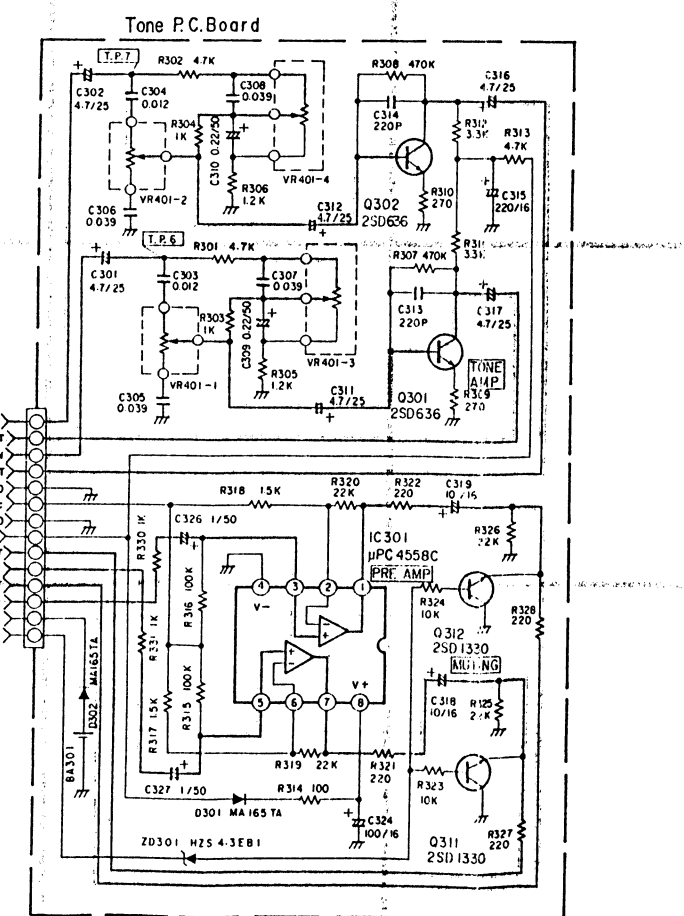
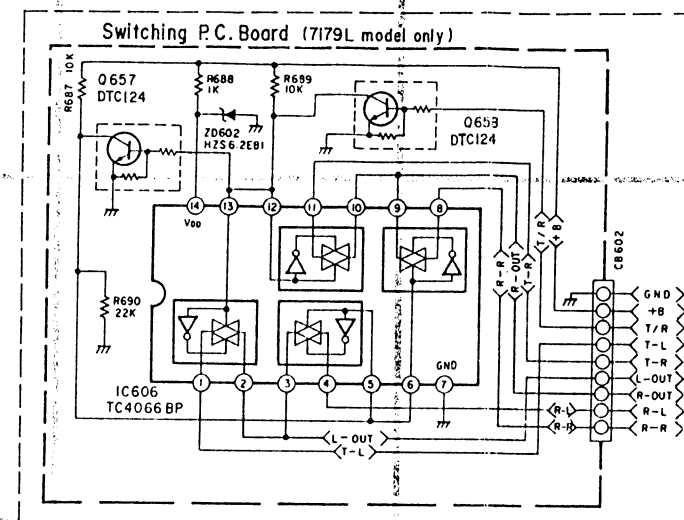
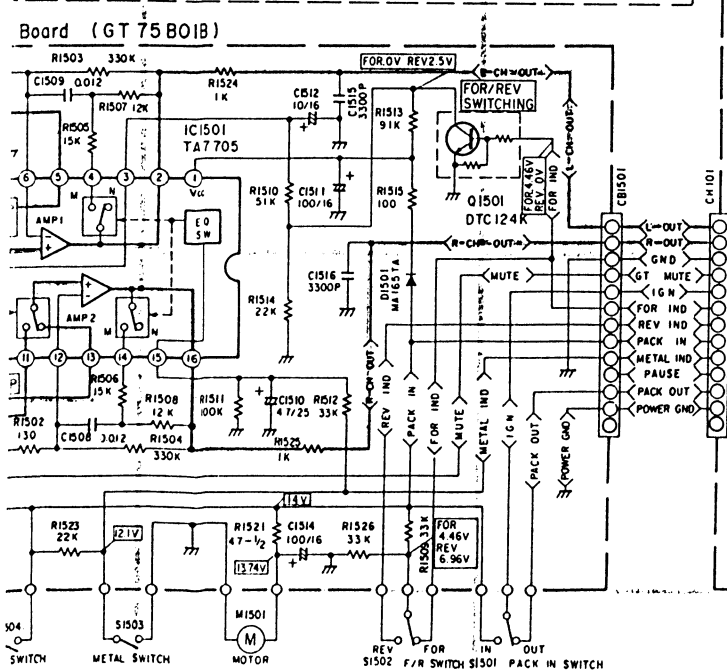
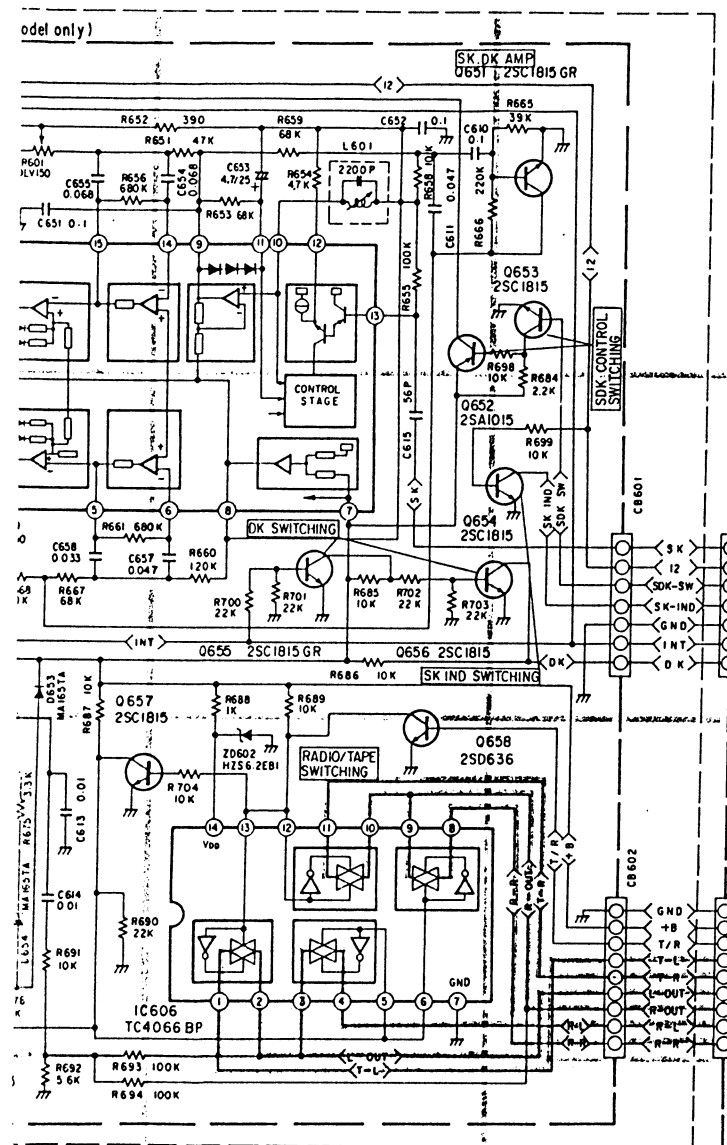
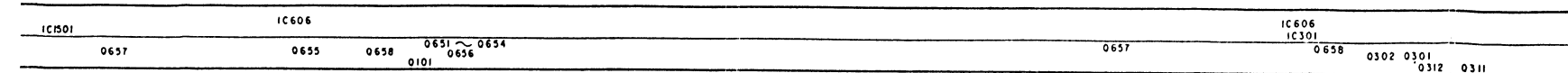
IC 604			
Q1	Q2	Q3	Q4
1	PS	0V	
2	PS	0V	
3	PS	0V	
4	PS	0V	
5	PS	0V	
6	0V	6	0V
7	0V	7	0V
8	0V	8	0V
9	0V	9	0V
10	PS	0V	
11	PS	0V	
12	5.8V	12	4.5V
13	3V	13	4.9V
14	5.2V	14	5.2V

(Measuring Conditions)
 • Power Supply : IC14V
 • Measuring Meter : Digital Multi Voltmeter
 • Measuring Point Reference : Between Ground
 • Measuring Condition : No Signal Input
 AM 1000KHz
 FM 98.1MHz
 TAPE: BLANK TAPE

NOTES:
 1. All resistance values are in ohms. K = 1,000
 2. All capacitance values are in microfarads. P = 1,000,000

Schematic Diagram (3/3)





IC 604 (SK/DK)
1 0V
2 0.1V/5.5V
3 4.5V
4 6.8V
5 4.2V
6 4.2V
7 8.4V
8 4.2V
9 5.2V
10 4.2V
11 5.2V/4.8V
12 4V
13 4.3V
14 4.2V
15 4.4V
16 0V/0.6V
17 3.4V
18 0V

IC 1501	WAVE
1 12.0V	WAVE
2 2.97V	
3 0V	FM
4 2.48V	REV
5 2.88V	
6 2.85V	
7 2.85V	
8 0V	
9 2.84V	
10 4V	
11 2.85V	
12 2.85V	
13 2.85V	
14 2.88V	
15 9.3V	METAL
16 0V	NORMAL
18 2.98V	

IC 605
1 7.2V
2 1.5V
3 5.2V
4 8.4V
5 5.2V
6 0.6V
7 7.2V
8 0.6V
9 5.2V
10 0V
11 0V
12 2.7V
13 8.8V
14 0.6V

IC604, IC605
7179M model only

IC 606 (TAPE/RADIO)
1 0V
2 0V
3 0V
4 0V
5 0V/5.7V
6 0V/5.7V
7 0V
8 0V
9 0V
10 0V
11 0V
12 4.5V/0V
13 4.5V/0V
14 5.7V

	E	C	B	WAVE
Q301	0.1V	2.8V	0.8V	
Q302	0.1V	2.5V	0.8V	
Q311	0V	0V	0.6V/0V	MUTE ON/OFF
Q312	0V	0V	0.6V/0V	MUTE ON/OFF
Q657	0V	0V/5.7V	0.6V/0V	TAPE/RADIO
Q658	0V	4.5V/0V	0V/0.6V	TAPE/RADIO

	E	C	B	WAVE
Q651	0V	4.4V	0.8V	
Q652	8.4V/8.4V	8.4V/0V	7.7V/8.2V	SK ON/OFF
Q653	0V	0V/8.2V	0.7V/0V	SK ON/OFF
Q654	0V	0V/3.2V	0.6V/0.1V	SK ON/OFF
Q655	0V	5.8V/5.8V	0.1V/0.1V	DK ON/OFF
Q656	0V	0V	0.6V/0.6V	DK ON/OFF
Q659	0V	0V/5.8V	0.6V/0.1V	DK ON/OFF

— 7179M model only

- [Measuring Conditions]
 1. Power Supply : 14V DC
 2. Measuring Meter : Digital Multi Voltmeter
 3. Measuring Point : Between Ground
 4. Conditions : No Signal
 FM...88.1MHz
 MW...999KHz
 LW...218KHz
 TAPE...Blank Tape(Play)

- NOTES:
 1. All resistance values are in ohms. K = 1,000
 2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

● 7179M and 7179L Models Only

7179M/L/E

Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.
 uF = microfarads, pF = picofarads

Abbreviations					Symbol No.	Part No.	Description		
RES.=Resistor					X1	48T94314F02	Crystal, 10.26MHz		
C.F.=Carbon Film					CF3	91T94396F01	CER., Filter, 10.71MJ		
M.F.=Metal Film					CF5	91T73118F02	CER., Filter, SFP 450H12		
M.O.=Metal Oxide Film					Capacitors				
M.P.=Metal Plate					C4	08S65480F61	CER., 0.01 μ F		
TR.=Transistor					C5	08S65480F43	CER., 330pF		
TRANS.=Transformer					C6	08T44979P12	CER., 0.047 μ F		
CP.=Chip					C7	08T44979P12	CER., 0.047 μ F		
CAP.=Capacitor					C8	23T43247F06	ELY., 2.2 μ F/50V		
ELY.=Electrolytic					C9	08T44979P12	CER., 0.047 μ F		
CER.=Ceramic					C10	08S65480F31	CER., 56pF		
MYL.=Mylar					C11	08S65480F13	CER., 10pF		
TAN.=Tantalum					C12	08T44979P12	CER., 0.047 μ F		
POLY.=Polystyrol					C13	08S65480F29	CER., 47pF		
PP.=Polypropylene					C15	08S65480F37	CER., 100pF		
PLT.=Polyethylene					C16	08S65480F62	CER., 0.022 μ F		
					C17	08S65480F62	CER., 0.022 μ F		
					C18	08S65480F58	CER., 5600pF		
					C19	23T43247F13	ELY., 47 μ F/10V		
Symbol No.	Part No.	Description			C20	08T44979P10	CER., 0.022 μ F		
● Radio P. C. Board					C21	23T43247F06	ELY., 2.2 μ F/50V		
▲ (For 7179M and 7179L models only.)					C22	08S65480F61	CER., 0.01 μ F		
IC's/Transistors					C23	08S65480F61	CER., 0.01 μ F		
IC1	51T94315F01	μ PC1322CA			C24	23T43247F10	ELY., 22 μ F/16V		
IC2	51T94495F01	LA1145			C25	08S65480F31	CER., 56pF		
IC3	51T94316F01	AN7465S			C26	08S65480F61	CER., 0.01 μ F		
Q1	48T95129F03	FET, 2SK715V			C27	23T43247F21	ELY., 100 μ F/10V		
Q2	48S43525F03	2SC1815			C28	23T43247F06	ELY., 2.2 μ F/50V		
Q3	48T62963F03	DTC124			C29	23T43247F05	ELY., 1 μ F/50V		
Q4	48S40627U04	2SD636			C30	23T43247F09	ELY., 10 μ F/16V		
Diodes					C31	08T44979P12	CER., 0.047 μ F		
D1	48T44813F01	MA165TA			C32	23T43247F21	ELY., 100 μ F/10V		
D2	48T44813F01	MA165TA			C33	08S65480F61	CER., 0.01 μ F		
D4	48T44813F01	MA165TA			C34	23T43247F04	ELY., 0.47 μ F/50V		
D5	48T44813F01	MA165TA			C35	08S65480F49	CER., 1000pF		
LD1	48T51833F03	LED, BG4524K (GRN)			C36	08S65480F62	CER., 0.022 μ F		
VD1	48T96538F01	Varactor, SVC203-SPA			C37	08S65480F38	CER., 120pF		
Coils					C39	23T43247F01	ELY., 0.1 μ F/50V		
L2	24T51656F24	Inductor 15 μ H			C40	08S65480F62	CER., 0.022 μ F		
L3	24T51656F18	Inductor 4.7 μ H			C41	08S65480F61	CER., 0.01 μ F		
L4	24T94308F01	Inductor 100mH			C42	23T43247F08	ELY., 4.7 μ F/25V		
L5	24T94309F01	Inductor 2mH			C43	23T43247F13	ELY., 47 μ F/10V		
L6	24T51656F34	Inductor 100 μ H			C44	08S65480F58	CER., 5600pF		
L8	24T94496F01	OSC (RED)			C45	23T43247F01	ELY., 0.1 μ F/50V		
Transformers/Crystal/Filter									
T1	24T94496F02	Coil, IFT-1 (BRN)							
T2	24T94496F03	Coil, IFT-2 (YEL)							
T3	24T94496F04	Coil, IFT-3 (BLK)							
T4	24T10069W01	Coil, FM 1F							
T5	24T10069W02	Coil, FM							

Notes : ● : For 7179M model only, ▲ : For 7179L model only, Others : Both models common.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
C46	08T44481F03	PP., 390pF			● Q308	48T57337F01	2SD1330		
C47	23T43247F02	ELY., 0.22 μ F/50V			● Q309	48T57337F01	2SD1330		
C48	23T43247F01	ELY., 0.1 μ F/50V			● Q310	48T57337F01	2SD1330		
C49	23T43247F02	ELY., 0.22 μ F/50V			Q601	48T42182U01	2SD661		
					Q602	48T42182U01	2SD661		
C50	08S65480F62	CER., 0.022 μ F							
C51	08S65480F62	CER., 0.022 μ F			Q603	48T62963F03	DTC124		
C52	08S65480F62	CER., 0.022 μ F			● Q604	48T62540F05	UN1215		
C53	08S65480F62	CER., 0.022 μ F			▲ Q605	48T62540F05	UN1215		
C54	23T43247F01	ELY., 0.1 μ F/50V			Q631	48T62962F02	DTA114		
					Q632	48T62962F03	DTA124		
C55	08S65480F55	CER., 3300pF							
C56	08S65480F61	CER., 0.01 μ F			Q633	48T62963F03	DTC124		
C57	23T43247F08	ELY., 4.7 μ F/25V			Q660	48T62540F05	UN1215		
C58	08T42629F68	MYL., 0.012 μ F			Q801	48S40627U04	2SD636		
C59	23T43247F03	ELY., 0.33 μ F/50V			Q802	48T52549F02	2SD973A		
					Q803	48S42455F03	2SD638		
C60	08T44979P08	CER., 0.01 μ F							
C61	08T44979P08	CER., 0.01 μ F			Q804	48S42455F03	2SD638		
C62	23T43247F08	ELY., 4.7 μ F/25V			Q805	48T62540F05	UN1215		
C63	23T43247F08	ELY., 4.7 μ F/25V			Q806	48T62540F05	UN1215		
C65	08T44979P11	CER., 0.033 μ F			● Q807	48S42455F03	2SD638		
Resistors					Diodes/Surge Protector				
VR1	18T42748F22	Variable 330k ohm			D8	48T44813F01	MA165TA		
VR2	18T42748F16	Variable 33k ohm			D9	48T44813F01	MA165TA		
VR3	18T42748F13	Variable 10k ohm			D80	48T44813F01	MA165TA		
VR4	18T42748F19	Variable 100k ohm			D81	48T44813F01	MA165TA		
VR5	18T42748F09	Variable 2.2k ohm			D82	48T44813F01	MA165TA		
● Main P. C. Board ▲ (For 7179M and 7179L models only.)					D83	48T44813F01	MA165TA		
IC's					● D602	48T44813F01	MA165TA		
IC303	51T62339F01	LA4445			D603	48T44813F01	MA165TA		
IC601	51T93836F01	93836F01			D604	48T44813F01	MA165TA		
IC602	51T47739F01	TC4066BP			D605	48T44813F01	MA165TA		
IC603	51T47739F01	TC4066BP			D606	48T44813F01	MA165TA		
Transistors					D607	48T44813F01	MA165TA		
Q5	48T62540F05	UN1215			D608	48T44813F01	MA165TA		
Q6	48T62963F03	DTC124			D609	48T44813F01	MA165TA		
Q103	48T82763F30	DTC343TL			D610	48T44813F01	MA165TA		
Q104	48T82763F30	DTC343TL			D611	48T44813F01	MA165TA		
Q106	48T62963F03	DTC124			D612	48T44813F01	MA165TA		
					D613	48T44813F01	MA165TA		
Q303	48T62963F02	DTC114			D614	48T44813F01	MA165TA		
Q304	48T57337F01	2SD1330			D616	48T44813F01	MA165TA		
Q305	48T62963F02	DTC114			D618	48T44813F01	MA165TA		
Q306	48T57337F01	2SD1330			D622	48T44813F01	MA165TA		
● Q307	48T57337F01	2SD1330			D623	48T44813F01	MA165TA		
					D624	48T44813F01	MA165TA		
					D625	48T44813F01	MA165TA		
					D631	48T44813F01	MA165TA		
					D632	48T44813F01	MA165TA		
					D633	48T44813F01	MA165TA		
					D638	48T44813F01	MA165TA		
					D801	48C40235G02	10E2		

Notes : ● : For 7179M model only, ▲ : For 7179L model only, Others : Both models common.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
D803	48C40235G02	10E2			C107	23T43247F05	ELY., 1 μ F/50V		
D804	48C40235G02	10E2			C108	23T73861F05	ELY., 47 μ F/16V		
D806	48T44813F01	MA165TA			C320	23T68328F03	ELY., 100 μ F/10V		
ZD302	48T68697F26	Zener, HZS6.8EB1			● C321	08T42629F73	MYL., 0.033 μ F		
ZD601	48T68697F35	Zener, HZS9.1EB1			▲ C321	23T43247F01	ELY., 0.1 μ F/50V		
ZD631	48T68697F16	Zener, HZS4.7EB3			● C322	08T42629F73	MYL., 0.033 μ F		
ZD632	48T68697F17	Zener, HZS5.1EB1			▲ C322	23T43247F01	ELY., 0.1 μ F/50V		
ZD801	48T83128F08	Zener, HZS6C2L			C323	23T43247F11	ELY., 33 μ F/10V		
ZD802	48T91071F10	Zener, HZS5ALL			C351	23T43247F08	ELY., 4.7 μ F/25V		
ZD803	48T68697F43	Zener, HZS11EB2			C352	23T43247F08	ELY., 4.7 μ F/25V		
ZD804	48T68697F37	Zener, HZS9.1EB3			C353	08S65480F49	CER., 1000pF		
ZD805	48T52741F25	Zener, HZ9C-1L			C354	08S65480F49	CER., 1000pF		
● ZD806	48T68697F37	Zener, HZS9.1EB3			C355	23T68328F03	ELY., 100 μ F/10V		
ZD807	48T91071F09	Zener, HZS4CLL			C356	23T68328F03	ELY., 100 μ F/10V		
DSP1	48T70875F02	Surge Protector, DSP-201M			C357	08T42629F31	MYL., 0.15 μ F		
Coils					C358	08T42629F31	MYL., 0.15 μ F		
L1	24T50508F02	Inductor 0.22 μ H			C359	23T68328F03	ELY., 100 μ F/10V		
L10	24T50508F06	Inductor 0.47 μ H			C360	23T68328F03	ELY., 100 μ F/10V		
L801	24T58149F02	Inductor 1.2mH			C361	23C42170G29	ELY., 1000 μ F/10V		
L802	25C40894G10	Choke, Filter			C362	23C42170G29	ELY., 1000 μ F/10V		
Crystal/Filters					C363	23T68328F17	ELY., 220 μ F/16V		
X601	48T55073F01	4.5MHz			C364	23T51232F01	ELY., 2200 μ F/16V		
CF1	91T80084F01	CER., Filter 1070MS10FAL			C365	08S65480F63	CER., 0.1 μ F		
CF2	91T80084F01	CER., Filter 1070MS10FAL			C601	08S65480F61	CER., 0.01 μ F		
Capacitors					C602	23T41366F41	ELY., 2.2 μ F/50V (BP)		
C1	08S65480F25	CER., 33pF			C603	23T43247F03	ELY., 0.33 μ F/50V		
C2	08S65480F62	CER., 0.022 μ F			C604	08S65480F61	CER., 0.01 μ F		
C3	23T68328F03	ELY., 100 μ F/10V			C605	23T68328F03	ELY., 100 μ F/10V		
C64	23T43247F08	ELY., 4.7 μ F/25V			C606	08S65480F61	CER., 0.01 μ F		
C80	08S65480F61	CER., 0.01 μ F			C607	23T43247F09	ELY., 10 μ F/16V		
C81	08T44979P12	CER., 0.047 μ F			C608	08S65480F21	CER., 22pF		
C82	23T43247F02	ELY., 0.22 μ F/50V			C609	08S65480F21	CER., 22pF		
C83	23S57422F08	ELY., 4.7 μ F/25V			● C617	23T43247F16	ELY., 22 μ F/6.3V		
C84	23S57422F08	ELY., 4.7 μ F/25V			● C618	23T68328F03	ELY., 100 μ F/10V		
C85	23T43247F09	ELY., 10 μ F/16V			C631	23T41366F42	ELY., 3.3 μ F/50V (BP)		
C87	08S65480F37	CER., 100pF			C632	23T43247F09	ELY., 10 μ F/16V		
C102	23T43247F08	ELY., 4.7 μ F/25V			C633	23T43247F09	ELY., 10 μ F/16V		
C103	23T43247F08	ELY., 4.7 μ F/25V			C635	23T43247F09	ELY., 10 μ F/16V		
C104	23T43247F09	ELY., 10 μ F/16V			C801	23C42170G30	ELY., 470 μ F/16V		
C105	23T43247F09	ELY., 10 μ F/16V			C802	23T43247F05	ELY., 1 μ F/50V		
					C803	23T43247F19	ELY., 220 μ F/6.3V		
					C805	23T68328F03	ELY., 100 μ F/10V		
					C806	23T68328F03	ELY., 100 μ F/10V		
					● C807	23T68328F02	ELY., 47 μ F/10V		
					C808	08T74293F62	CER., 0.022 μ F		

Notes : ● : For 7179M model only, ▲ : For 7179L model only, Others : Both models common.

Symbol No.	Part No.	Description		
Resistors				
● R301	06T93554F02	Block 4 x 2.2k ohm		
● VR302	18T94491F01	Volume, Control 100k ohm		
▲ VR302	18T94491F02	Volume, Control 20k ohm		
● Tone P. C. Board ▲ (For 7179M and 7179L models only.)				
IC/Transistors/Diodes				
IC301	51S43471U02	μ PC4558C		
Q301	48S40627U04	TR., 2SD636		
Q302	48S40627U04	TR., 2SD636		
Q311	48T57337F03	TR., 2SD1330		
Q312	48T57337F03	TR., 2SD1330		
D301	48T44813F01	Diode, MA165TA		
D302	48T44813F01	Diode, MA165TA		
ZD301	48T68697F11	Diode, Zener, HZS4.3EB1		
Capacitors				
C301	23T43247F08	ELY., 4.7 μ F/25V		
C302	23T43247F08	ELY., 4.7 μ F/25V		
C303	08T42629F68	MYL., 0.012 μ F		
C304	08T42629F68	MYL., 0.012 μ F		
C305	08T42629F74	MYL., 0.039 μ F		
C306	08T42629F74	MYL., 0.039 μ F		
C307	08T42629F74	MYL., 0.039 μ F		
C308	08T42629F74	MYL., 0.039 μ F		
C309	23T43247F02	ELY., 0.22 μ F/50V		
C310	23T43247F02	ELY., 0.22 μ F/50V		
C311	23T43247F08	ELY., 4.7 μ F/25V		
C312	23T43247F08	ELY., 4.7 μ F/25V		
C313	08S65480F41	CER., 220pF		
C314	08S65480F41	CER., 220pF		
C315	23C44780P23	ELY., 220 μ F/16V		
C316	23T43247F08	ELY., 4.7 μ F/25V		
C317	23T43247F08	ELY., 4.7 μ F/25V		
C318	23T43247F09	ELY., 10 μ F/16V		
C319	23T43247F09	ELY., 10 μ F/16V		
C324	23T43247F22	ELY., 100 μ F/16V		
C326	23T43247F05	ELY., 1 μ F/50V		
C327	23T43247F05	ELY., 1 μ F/50V		

Symbol No.	Part No.	Description		
● SDK P. C. Board (For 7179M model only.)				
IC's/Transistors				
IC604	51T82523F01	TDA1579		
IC605	51T83062F01	NJM2902N		
IC606	51T47739F01	TC4066BP		
Q651	48T81101F02	TR., 2SC1815		
Q652	48T51118F02	TR., 2SA1015		
Q653	48T81101F02	TR., 2SC1815		
Q654	48T81101F02	TR., 2SC1815		
Q655	48T81101F02	TR., 2SC1815		
Q656	48T81101F02	TR., 2SC1815		
Q657	48T81101F02	TR., 2SC1815		
Q658	48S40627U04	TR., 2SD636		
Q659	48T81101F02	TR., 2SC1815		
Diodes/Coil				
D651	48T44813F01	MA165TA		
D652	48T44813F01	MA165TA		
D653	48T44813F01	MA165TA		
D654	48T44813F01	MA165TA		
D655	48T44813F01	MA165TA		
D656	48T44813F01	MA165TA		
D657	48T44813F01	MA165TA		
D658	48T44813F01	MA165TA		
ZD602	48T68697F23	Zener, HZS6.2EB1		
L601	24T84175F02	Coil, SK (57kHz)		
Capacitors/Resistor				
C610	08T42629F79	MYL., 0.1 μ F		
C611	08T42629F75	MYL., 0.047 μ F		
C612	23S41198U26	ELY., 47 μ F/10V		
C613	08S65480F61	CER., 0.01 μ F		
C614	08S65480F61	CER., 0.01 μ F		
C615	08S65480F31	CER., 56pF		
C616	23T43247F11	ELY., 33 μ F/10V		
C651	08T42629F79	MYL., 0.1 μ F		
C652	08T42629F79	MYL., 0.1 μ F		
C653	23T43247F08	ELY., 4.7 μ F/25V		
C654	08T42629F77	MYL., 0.068 μ F		
C655	08T42629F77	MYL., 0.068 μ F		
C656	23T43247F01	ELY., 0.1 μ F/50V		
C657	08T42629F75	MYL., 0.047 μ F		
C658	08T42629F73	MYL., 0.033 μ F		
C659	23T43247F01	ELY., 0.1 μ F/50V		
C660	08T44979P11	CER., 0.033 μ F		
C661	23T43247F09	ELY., 10 μ F/16V		
VR601	18T42748F02	RES., Variable, 150 ohm		

Notes : ● : For 7179M model only, ▲ : For 7179L model only,
Main P. C. Board and Tone P. C. Board for 7179M and 7179L models only,
SDK P. C. Board for 7179M model only.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
▲ Switching P. C. Board (For 7179L model only.)					Filters				
IC/Transistors/Diode					CF1	91T83724F01	CER., 10.7MS2LK2-A		
IC606	51T47739F01	TC4066BP			CF2	91T83724F01	CER., 10.7MS2LK2-A		
Q657	48T62963F03	TR., DTC124			CF3	91T56243F01	CER., 450H		
Q658	48T62963F03	TR., DTC124			CF4	91T60378F01	CER., BFU450C4N		
ZD602	48T68697F23	Diode, Zener, HZS6.2EB1			Capacitors				
■ Tuner P. C. Board (For 7179E model only.)					C4	08S65480F62	CER., 0.022 μ F		
IC's					C5	08S65480F38	CER., 120pF		
IC1	51T94495F01	LA1145			C6	23T43247F05	ELY., 1 μ F/50V		
IC2	51T94316F01	AN7465S			C7	23T43247F09	ELY., 10 μ F/16V		
IC3	51T94547F01	LA1137			C8	08T44979P12	CER., 0.047 μ F		
Transistors					C9	23T43247F21	ELY., 100 μ F/10V		
Q2	48T62963F03	DTC124			C10	08S65480F61	CER., 0.01 μ F		
Q3	48T62963F03	DTC124			C11	23T43247F04	ELY., 0.47 μ F/50V		
Q4	48S43525F02	2SC1815			C12	23T43247F05	ELY., 1 μ F/50V		
Q5	48S43525F02	2SC1815			C13	08S65480F55	CER., 3300pF		
Q6	48T95129F01	FET, 2SK715			C14	08S65480F61	CER., 0.01 μ F		
Q8	48T62963F03	DTC124			C15	08T44979P12	CER., 0.047 μ F		
Diodes					C16	08T44979P12	CER., 0.047 μ F		
D1	48T51087F01	Varistor, KB-265C4			C17	08S65480F63	CER., 0.1 μ F		
D3	48T44813F01	MA165TA			C18	08S65480F55	CER., 3300pF		
D5	48T44813F01	MA165TA			C19	08S65480F61	CER., 0.01 μ F		
D8	48T44813F01	MA165TA			C20	23T43247F08	ELY., 4.7 μ F/25V		
D9	48T44813F02	MA165			C21	23T43247F13	ELY., 47 μ F/10V		
VD1	48T80759F02	Varactor, KV1235Z			C22	08S65480F59	CER., 6800pF		
VD2	48T80759F02	Varactor, KV1235Z			C23	23T43247F08	ELY., 4.7 μ F/25V		
VD3	48T80759F02	Varactor, KV1235Z			C24	23T43247F01	ELY., 0.1 μ F/50V		
Transformers					C25	08S65480F62	CER., 0.022 μ F		
T1	24T58377F01	Inductor FM (WHT)			C26	08T44481F03	PP., 390pF		
T2	24T58377F02	FM 7KL (BLU)			C27	23T43247F01	ELY., 0.1 μ F/50V		
T3	24T95072F05	AM OSC (RED)			C28	23T43247F02	ELY., 0.22 μ F/50V		
T4	24T95072F04	IFT-2 (BLK)			C29	23T43247F03	ELY., 0.33 μ F/50V		
T5	24T95072F03	IFT-1 (YEL)			C30	08T42629F73	MYL., 0.033 μ F		
T6	24T95072F02	AM RF (GRN)			C31	08T42629F73	MYL., 0.033 μ F		
T7	24T95072F01	AM ANT (WHT)			C32	23T43247F02	ELY., 0.22 μ F/50V		
T8	24T95232F01	Inductor (BLK)			C33	08S65480F61	CER., 0.01 μ F		
					C34	23T43247F09	ELY., 10 μ F/16V		
					C36	08T44481F04	PP., 430pF		
					C37	08S65480F62	CER., 0.022 μ F		
					C38	23T43247F21	ELY., 100 μ F/10V		
					C39	08T44979P12	CER., 0.047 μ F		
					C40	23T43247F04	ELY., 0.47 μ F/50V		
					C41	23T43247F07	ELY., 3.3 μ F/25V		
					C42	23T43247F08	ELY., 4.7 μ F/25V		
					C43	08T50579F09	T.F., 0.047 μ F		
					C44	23T43247F08	ELY., 4.7 μ F/25V		

Notes: ■: For 7179E model only, ▲: For 7179L model only,
Switching P. C. Board for 7179L model only,
Tuner P. C. Board for 7179E model only.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
C45	08S65480F62	CER., 0.022 μ F			Q609	48T62963F03	DTC124		
C46	23T43247F04	ELY., 0.47 μ F/50V			Q610	48T62963F03	DTC124		
C47	08S65480F62	CER., 0.022 μ F			Q611	48T62963F03	DTC124		
C48	08S65480F63	CER., 0.1 μ F			Q612	48T62962F03	DTA124		
C49	21C45322G32	CER., 0.022 μ F			Q613	48T62962F02	DTA114		
C50	08S65480F62	CER., 0.022 μ F			Q801	48T52549F01	2SD973A		
C51	23T43247F05	ELY., 1 μ F/50V			Q802	48S40627U01	2SD636		
C52	23T43247F17	ELY., 47 μ F/6.3V			Q803	48T62963F03	DTC124		
C53	21C45322G32	CER., 0.022 μ F			Q804	48S40591U01	2SB641		
VC1	20T47503F02	Trimmer, TZ03 (RED)			Q805	48T52549F01	2SD973A		
VC2	20T47503F02	Trimmer, TZ03 (RED)			Q806	48T62963F03	DTC124		
VC3	20T47503F02	Trimmer, TZ03 (RED)			Q807	48S42455F01	2SD638		
					Q808	48T62963F03	DTC124		
Resistors					Diodes/Surge Protector				
VR1	18T42748F12	Volume, Solid, 6.8k ohm			D6	48T44813F01	MA165TA		
VR2	18T42748F16	Variable, 33k ohmB			D7	48T44813F01	MA165TA		
VR3	18T42748F11	Variable, 4.7k ohmB			D201	48T44813F01	MA165TA		
VR4	18T42748F09	Variable, 2.2k ohm			D202	48T44813F01	MA165TA		
Main P. C. Board					D203	48T43189F01	1S1555		
IC's					D204	48T44813F01	MA165TA		
IC201	51S43471U02	μ PC4558C			D205	48T44813F01	MA165TA		
IC202	51T62339F01	LA4445			D206	48T44813F01	MA165TA		
IC601	51T92808F01	92808F01			D207	48T44813F01	MA165TA		
IC602	51T47739F01	TC4066BP			D601	48T44813F01	MA165TA		
IC603	51T47739F01	TC4066BP			D602	48T44813F01	MA165TA		
Transistors					D603	48T43189F01	1S1555		
Q1	48T62963F10	DTC114T			D604	48T44813F01	MA165TA		
Q201	48S40627U01	2SD636			D605	48T43189F01	1S1555		
Q202	48S40627U01	2SD636			D609	48T43189F01	1S1555		
Q203	48T62963F02	DTC114			D610	48T43189F01	1S1555		
Q204	48T62963F02	DTC114			D613	48S134816	1S1555		
Q205	48T82763F31	DTC363TL			D615	48T44813F01	MA165TA		
Q206	48T82763F31	DTC363TL			D616	48T44813F01	MA165TA		
Q207	48T82763F31	DTC363TL			D617	48T44813F01	MA165TA		
Q208	48T82763F31	DTC363TL			D618	48T44813F01	MA165TA		
Q601	48T62963F03	DTC124			D619	48T43189F01	1S1555		
Q602	48T62963F10	DTC114T			D620	48T43189F01	1S1555		
Q603	48T62963F10	DTC114T			D621	48T43189F01	1S1555		
Q606	48T42182U01	2SD661			D622	48T43189F01	1S1555		
Q607	48T42182U01	2SD661			D623	48T44813F02	MA165		
Q608	48T62963F03	DTC124			D624	48T44813F01	MA165TA		
					D625	48T44813F01	MA165TA		
					D626	48T44813F01	MA165TA		
					D627	48T44813F01	MA165TA		
					D629	48T44813F01	MA165TA		
					D630	48T44813F01	MA165TA		
					D801	48C40235G02	10E2		
					D802	48C40235G02	10E2		
					D803	48C40235G02	10E2		

Notes: ■ : For 7179E model only.

Tuner P. C. Board and Main P. C. Board for 7179E model only.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
D805	48T44813F01	MA165TA			C225	23T43247F10	ELY., 22 μ F/16V		
D806	48T44813F01	MA165TA			C226	23T61512F26	ELY., 2.2 μ F/50V		
ZD202	48T68697F31	Zener, HZS7.5EB3			C227	23T43247F10	ELY., 22 μ F/16V		
ZD203	48T68697F20	Zener, HZS5.6EB1			C228	23T73861F09	ELY., 100 μ F/16V		
ZD204	48T83128F06	Zener, HZS6B3L			C229	23T61512F08	ELY., 10 μ F/16V		
ZD601	48T68697F37	Zener, HZS9.1EB3			C230	23T61512F08	ELY., 10 μ F/16V		
ZD602	48T68697F17	Zener, HZS5.1EB1			C231	23T43247F08	ELY., 4.7 μ F/25V		
ZD605	48T68697F16	Zener, HZS4.7EB3			C232	08S65480F49	CER., 1000pF		
ZD801	48T68697F42	Zener, HZS11EB1			C233	23T43247F18	ELY., 330 μ F/6.3V		
ZD802	48T83128F06	Zener, HZS6B3L			C234	23T68328F03	ELY., 100 μ F/10V		
ZD803	48T91071F10	Zener, HZS5ALL			C235	23T68328F04	ELY., 220 μ F/10V		
ZD804	48T68697F37	Zener, HZS9.1EB3			C236	23C42170G29	ELY., 1000 μ F/10V		
ZD805	48T83128F27	Zener, HZS9C3LL			C237	08T90316F31	T.F., 0.15 μ F		
ZD806	48T91071F09	Zener, HZS4CLL			C238	23T43247F08	ELY., 4.7 μ F/25V		
DSP1	48T81909F01	Surge Protector, DSP-201M			C239	08S65480F49	CER., 1000pF		
Coils/Crystal					C240	23T43247F18	ELY., 330 μ F/6.3V		
L2	24T50508F18	Inductor, 4.7 μ H			C241	23T51232F01	ELY., 2200 μ F/16V		
L801	25C40894G11	Choke, Trans 1.2mH			C242	08T50579F13	T.F., 0.1 μ F		
L802	24T58149F02	Inductor, 1.2mH			C243	23T68328F03	ELY., 100 μ F/10V		
X601	48T55073F01	Crystal, 4.5MHz			C244	23C42170G29	ELY., 1000 μ F/10V		
Capacitors					C245	08T90316F31	T.F., 0.15 μ F		
C1	23T43247F10	ELY., 22 μ F/16V			C246	23T43247F11	ELY., 33 μ F/10V		
C2	23T43247F02	ELY., 0.22 μ F/50V			C601	23T68328F15	ELY., 47 μ F/16V		
C3	08S65480F37	CER., 100pF			C602	23T61512F13	ELY., 4.7 μ F/25V		
C203	23T68328F55	ELY., 4.7 μ F/50V			C603	23T61512F13	ELY., 4.7 μ F/25V		
C204	23T68328F55	ELY., 4.7 μ F/50V			C604	23T61512F08	ELY., 10 μ F/16V		
C205	08T57705F68	MYL., 0.012 μ F			C605	23T61512F08	ELY., 10 μ F/16V		
C206	08T57705F74	MYL., 0.039 μ F			C606	23T61512F25	ELY., 1 μ F/50V		
C207	08T57705F68	MYL., 0.012 μ F			C609	08S65480F62	CER., 0.022 μ F		
C208	08T57705F74	MYL., 0.039 μ F			C611	23T41366F40	ELY., (B.P.) 1 μ F/50V		
C209	08T57705F74	MYL., 0.039 μ F			C612	08S65480F61	CER., 0.01 μ F		
C210	23T43247F02	ELY., 0.22 μ F/50V			C613	23T68328F03	ELY., 100 μ F/10V		
C211	23T43247F08	ELY., 4.7 μ F/25V			C614	08S65480F61	CER., 0.01 μ F		
C212	08T57705F74	MYL., 0.039 μ F			C615	23T61512F08	ELY., 10 μ F/16V		
C213	23T43247F02	ELY., 0.22 μ F/50V			C616	23T61512F08	ELY., 10 μ F/16V		
C214	23T43247F08	ELY., 4.7 μ F/25V			C618	08T42629F28	MYL., 0.082 μ F		
C215	08S65480F41	CER., 220pF			C619	23T61512F08	ELY., 10 μ F/16V		
C216	08S65480F41	CER., 220pF			C621	08S65480F62	CER., 0.022 μ F		
C217	23T73861F09	ELY., 100 μ F/16V			C622	23T82372F10	ELY., (B.P.) 3.3 μ F/25V		
C218	23T43247F09	ELY., 10 μ F/16V			C623	23T68328F15	ELY., 47 μ F/16V		
C219	23T61512F25	ELY., 1 μ F/50V			C668	08T44979P13	CER., 0.068 μ F		
C220	23T43247F01	ELY., 0.1 μ F/50V			C801	23T68328F19	ELY., 470 μ F/16V		
C221	23T61512F25	ELY., 1 μ F/50V			C802	23T68328F52	ELY., 1 μ F/50V		
C222	23T43247F01	ELY., 0.1 μ F/50V			C803	23T68328F04	ELY., 220 μ F/10V		
C223	23T61512F08	ELY., 10 μ F/16V			C804	08S65480F62	CER., 0.022 μ F		
C224	23T61512F26	ELY., 2.2 μ F/50V			C805	08T55260F21	CER., 22pF		
					C806	08T55260F21	CER., 22pF		
					C807	23T68328F03	ELY., 100 μ F/10V		
					C808	23T43247F11	ELY., 33 μ F/10V		
					C809	08S65480F61	CER., 0.01 μ F		

Notes : For 7179E model only.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
Volume Control					R1511	06S53331F02	100k ohm		
■ VR203	18T94491F06	Volume Control, [S801 (POWER), (FADER/BALANCE)]			R1512	06S53330F89	33k ohm		
GT Control P. C. Board					R1513	06S53331F01	91k ohm		
IC/Transistor					R1514	06S53330F85	22k ohm		
IC1501	51T64606F01	IC, TA7705F			R1515	06S53330F29	100 ohm		
Q1501	48T62967F03	CP., DTC124K			R1521	06S81094F09	M.F., 4.7k ohm 1/2W		
Diodes					R1523	06S53330F85	22k ohm		
D1501	48T44813F01	MA165TA			R1524	06S53330F53	1k ohm		
D1504	48C40235G01	10E2			R1526	06S53330F89	33k ohm		
Capacitors					R1527	06S53330F29	100 ohm		
C1501	08S53332F33	CP., 680pF			R1528	06S64995F85	22k ohm		
C1502	08S53332F33	CP., 680pF			Display P. C. Board				
C1503	08S53332F33	CP., 680pF			LED's				
C1504	08S53332F33	CP., 680pF			LD401	48T51833F03	BG4524K (GRN)		
C1505	23S57422F14	ELY., 47 μ F/6.3V			LD402	48T51833F03	BG4524K (GRN)		
C1506	23S61523F07	ELY., 47 μ F/6.3V			Switches				
C1507	23S61523F12	ELY., 10 μ F/16V			S401	40T70366F01	Tact, KHL-10906 (BAND)		
C1508	08S53332F48	CP., 0.012 μ F			S402	40T70366F01	Tact, KHL-10906 (ST)		
C1509	08S53332F48	CP., 0.012 μ F			S403	40T70366F01	Tact, KHL-10906 (DX)		
C1510	23S61523F17	ELY., 47 μ F/25V			■ S404	40T70366F01	Tact, KHL-10906 (LOUD R. MONI)		
C1511	23T82482F02	ELY., 100 μ F/16V			▲ S404	40T70366F01	Tact, KHL-10906 (LOUD R. MONI)		
C1512	23S61523F12	ELY., 10 μ F/16V			● S404	40T70366F01	Tact, KHL-10906 (LOUD/SDK)		
C1514	23T82482F02	ELY., 100 μ F/16V			S405	40T70366F01	Tact, KHL-10906 (M4)		
C1515	08S53332F41	CP., 3300pF			S406	40T70366F01	Tact, KHL-10906 (M3)		
C1516	08S53332F41	CP., 3300pF			S407	40T70366F01	Tact, KHL-10906 (M2)		
Resistors (All resistors are chip 1/8W $\pm$ 5% unless otherwise noted.)					S408	40T70366F01	Tact, KHL-10906 (M1/MS)		
R1501	06S53330F32	130 ohm			S409	40T70366F01	Tact, KHL-10906 (M6)		
R1502	06S53330F32	130 ohm			S410	40T70366F01	Tact, KHL-10906 (M5)		
R1503	06S53331F14	330k ohm			S411	40T70366F01	Tact, KHL-10906 (MEMO)		
R1504	06S53331F14	330k ohm			S412	40T70366F01	Tact, KHL-10906 (DOWN)		
R1505	06S53330F81	15k ohm			S413	40T70366F01	Tact, KHL-10906 (UP)		
R1506	06S53330F81	15k ohm			S414	40T70366F01	Tact, KHL-10906 (SEEK)		
R1507	06S53330F79	12k ohm							
R1508	06S53330F79	12k ohm							
R1509	06S53330F89	33k ohm							
R1510	06S53330F94	51k ohm							

Notes: ●: For 7179M model only, ■: For 7179E model only, ▲: For 7179L model only, Others: Common.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
Lamps									
PL401	65T80294F05	Pilot, 6V-65mA							
PL402	65T80294F05	Pilot, 6V-65mA							
PL403	65T80294F05	Pilot, 6V-65mA							
PL404	65T95083F01	Pilot, 6.7V-85mA							
Resistors									
● R402	06T67581F22	C.F., 150 ohm 1/2W							
▲ R402	06T67581F22	C.F., 150 ohm 1/2W							
R404	06T67581F15	C.F., 39 ohm 1/2W							
■ VR201	18T93886F02	Volume, Slide							
■ VR202		20k ohm A x 2 (TREBLE/BASS)							
● VR401	18T93886F02	Volume, 20k ohm A x 2 (TREBLE/BASS)							
▲ VR401	18T93886F02	Volume, 20k ohm A x 2 (TREBLE/BASS)							
Miscellaneous									
● BA801	60T91060F02	Battery, Lit CR2032							
▲ BA801	60T91060F02	Battery, Lit CR2032							
■ BA801	60T91060F03	Battery, Lit CR2032							
● E801	01T94841F01	Assy., QRB Connector (Socket)							
▲ E801	01T94841F01	Assy., QRB Connector (Socket)							
■ E801	01T95067F03	Assy., QRB Connector (Socket)							
HD1501	88T50997F01	Head							
■ LCD401	65T94818F01	LCD, Display							
▲ LCD401	65T64497F01	LCD, Display (LU1410)							
● LCD401	65T64497F01	LCD, Display (LU1410)							
M1501	01V81200F64	Assy., Motor							
S1501	40T52216F01	Switch, Micro							
S1502	40T63432F01	Switch, Slide							
S1503	40T71025F03	Switch, Detector							
S1504	40T71025F01	Switch, Detector							
SD1501	01T80451F01	Assy., Keep Solenoid							

Notes: ● : For 7179M model only, ■ : For 7179E model only, ▲ : For 7179L model only, Others : Common.

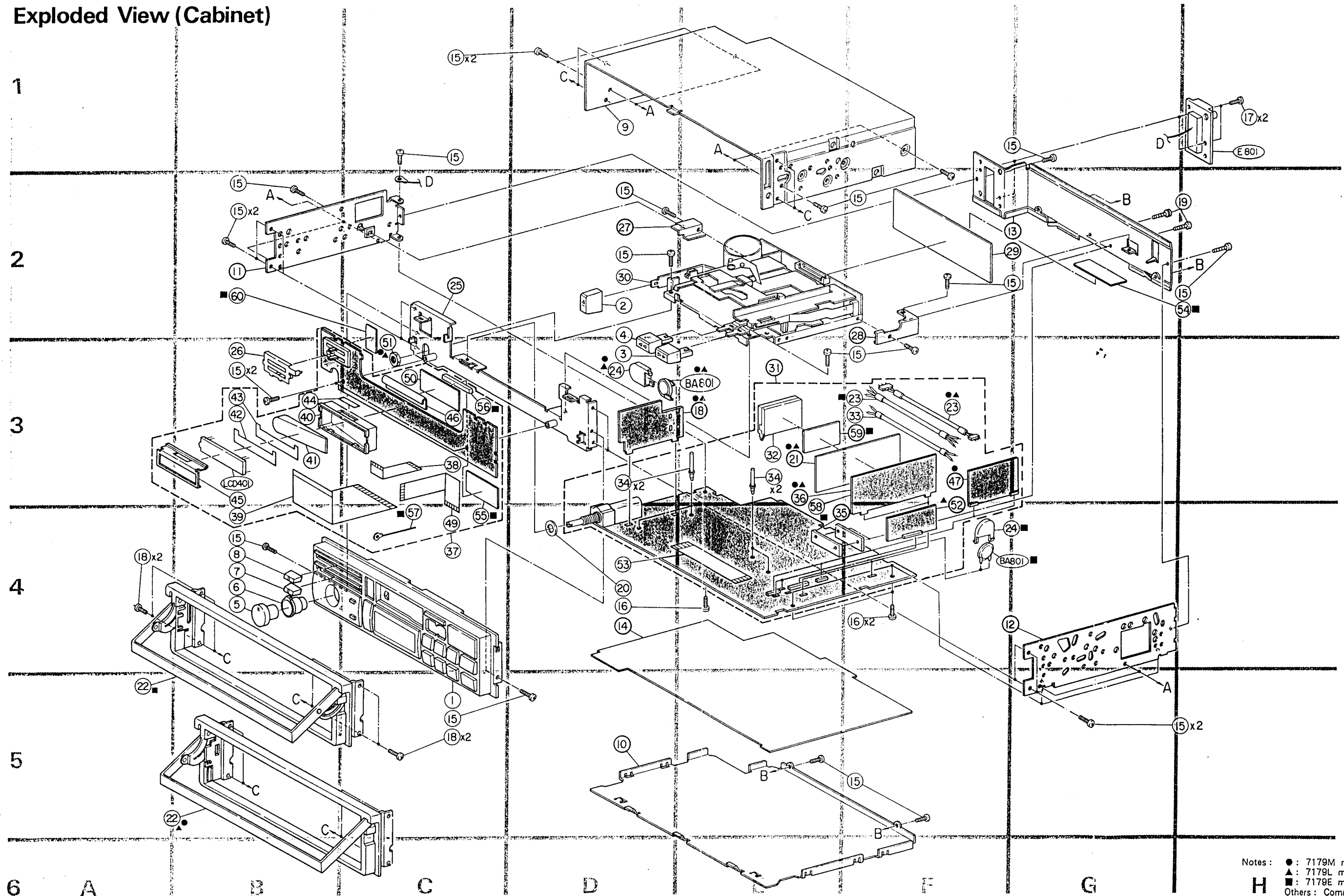
Cabinet Assembly Parts List

NOTE: The parts without part numbers are not supplied.

Symbol No.	Index	Part No.	Description			Symbol No.	Index	Part No.	Description		
●	1	5-C	13D94441F09	Assy., Nosepiece		●	37	4-C	01V93900F74	Assy., Display	
■	1	5-C	13D94441F07	Assy., Nosepiece		■	37	4-C	01V94400F42	P.C. Board	
▲	1	5-C	13D94441F08	Assy., Nosepiece		▲	37	4-C	01V93900F74	Assy., Display	
	2	2-D	36B94059F01	Knob, Eject						P.C. Board	
	3	3-D	36B94060F01	Knob, FF							
	4	2-D	36B94061F01	Knob, REW		●	38	3-C	01T94498F01	Wire, Parallel (8P)	
	5	4-B	36A94114F01	Knob, Control (Front)		■	38	3-C	01T95070F03	Wire, Parallel (8P)	
	6	4-B	36A94115F01	Knob, Control (Back)		▲	38	3-C	01T94498F01	Wire, Parallel (8P)	
	7	4-B	36A94418F01	Knob, Slide		●	39	4-B	01T94498F02	Wire, Parallel (33P)	
	8	4-B	36A94418F02	Knob, Slide (B)		■	39	4-B	01T95070F02	Wire, Parallel (33P)	
	9	1-D	15C94345F01	Cover, Top		▲	39	4-B	01T94498F02	Wire, Parallel (33P)	
	15		03S44205G07	Screw, Pan (M2.6 × 5)			40	3-B	15B94066F01	Case, LCD	
	16		03S44205G48	Screw, Pan (M2.6 × 5)			41	3-B	61A94067F01	Lens, LCD	
	17	1-H	03S44205G29	Screw, Pan (M2.6 × 6)			42	3-B	26A94068F01	Reflector, Sheet	
	18		03S44205G34	Screw, Pan (M2.6 × 5)			43	3-B	26A94068F02	Reflector, Sheet	
	19	2-G	03D40014G08	Screw, W/Washer (M2.6 × 8)			44	3-B	26A83087F08	Reflector, Door	
●	20	4-D	04A42792J11	Washer, Flat (M14)			45	3-B	07A94069F01	Bracket, Shield	
■	20	4-D	04A40070G71	Washer, Flat (M14)			46	3-C	14S81482F88	Insulator, Cover	
▲	20	4-D	04A42792J11	Washer, Flat (M14)		●	49	4-C	30T92417F01	Flat Cable (12P)	
●	22	5-B	07C82176F01	Assy., Handle Bracket		■	49	4-C	01T95071F01	Assy., Card Wire (12P)	
■	22	5-A	07C10065W01	Assy., Handle Bracket		▲	49	4-C	30T92417F01	Flat Cable (12P)	
▲	22	5-B	07C82176F01	Assy., Handle Bracket			50	3-C	14S81482F89	Insulator, Cover	
●	23	3-F	01T94493F02	Assy., Connector (3P)			51	2-C	02S40000G20	Nut, Hex (M9)	
■	23	3-F	01T95068F01	Assy., Connector (3P)		●	53	4-D	01T94492F01	Flat Cable (4P)	
▲	23	3-F	01T94493F02	Assy., Connector (3P)		■	53	4-D	01T95070F01	Assy., Flat Cable (5P)	
	24		15A84078F01	Case, Battery		▲	53	4-D	01T94492F01	Flat Cable (4P)	
	26	3-B	07A96021F01	Bracket, Shield (Volume)		■	54	2-G	14S96390F09	Insulator, Cover	
	30	2-D	81D80483F08	Deck, Cassette (GT75B01B)		■	55	4-C	14A10323W01	Insulator, Shield	
●	32	3-E	77T94489F01	Tuner, Unit (FE1)		■	56	3-C	75S92415F72	Cushion, Rubber	
■	32	3-E	77T74537F03	Tuner, F/E		■	57	4-C	01T95113F01	Lug, Wire	
▲	32	3-E	77T94489F01	Tuner, Unit (FE1)		■	58	4-E	01V94700F55	Assy., Tuner P.C. Board	
■	33	3-F	01T83932F02	Assy., Shield Wire		■	59	3-F	14S94461F12	Insulator, Cover	
▲	33	3-F	01T94494F01	Assy., Shield Wire		■	60	2-B	14S58462F42	Insulator, Cover	
●	33	3-F	01T94494F01	Assy., Shield Wire							
	34		09T84840F01	Lug, Style 18mm							

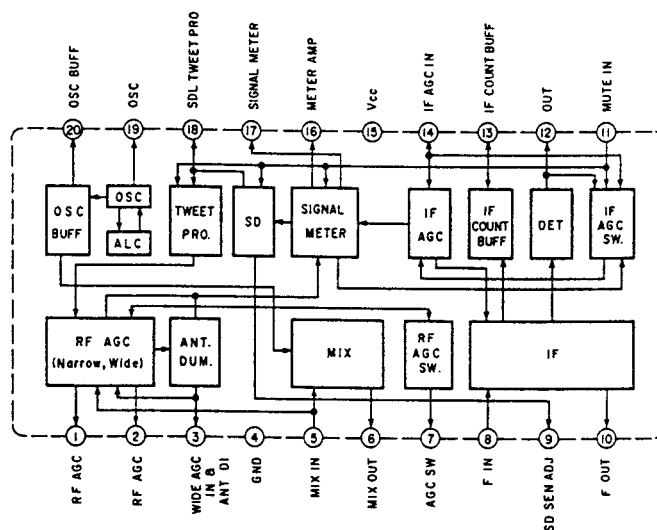
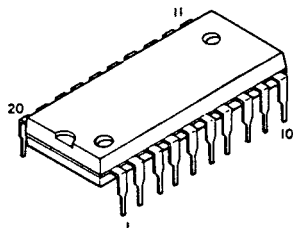
Notes: ●: For 7179M model only, ■: For 7179E model only, ▲: For 7179L model only, Others: Common.

Exploded View (Cabinet)

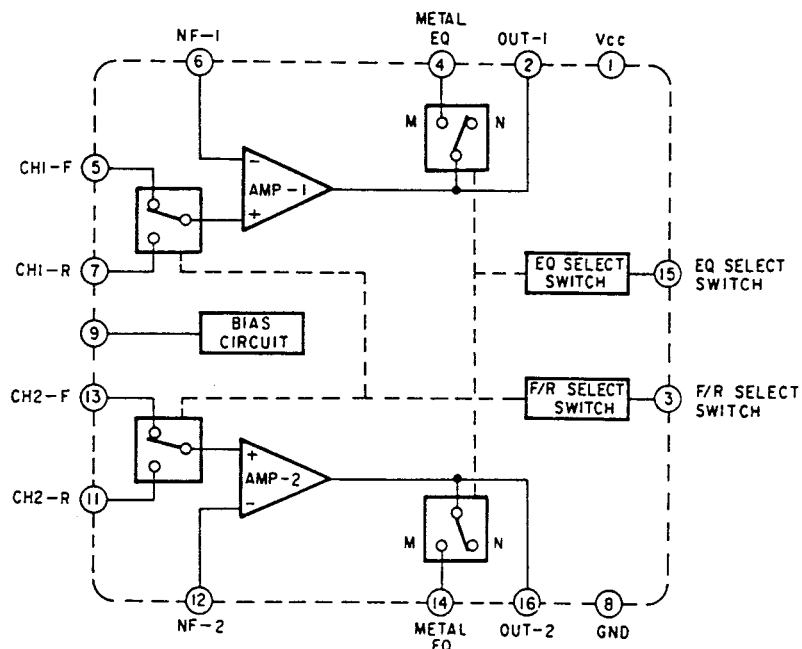
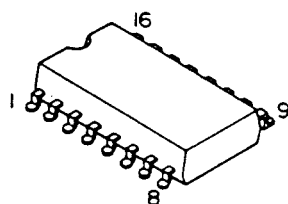


Notes: ● : 7179M model only
▲ : 7179L model only
■ : 7179E model only
Others : Common

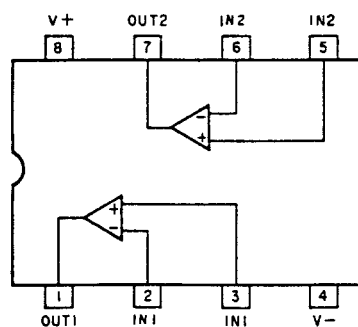
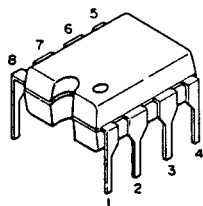
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TA7705F : IC1501



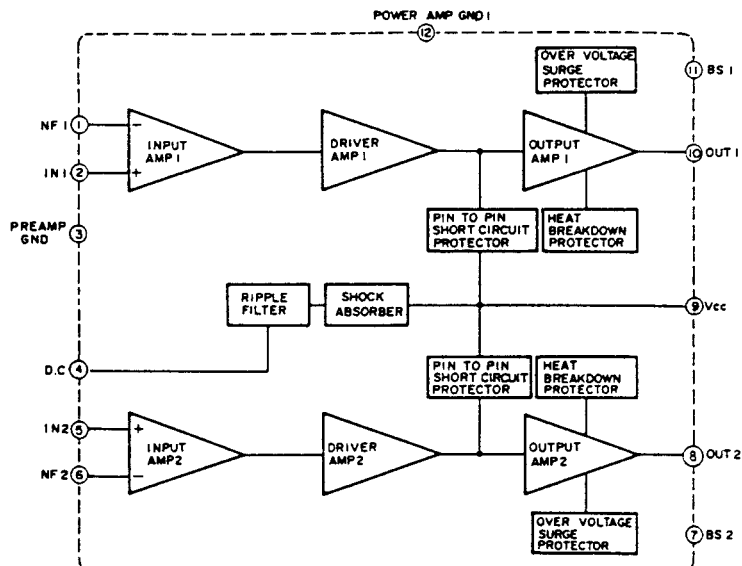
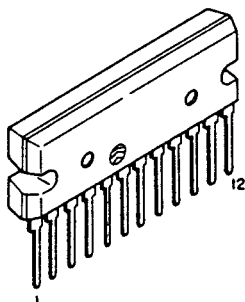
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○ IC301



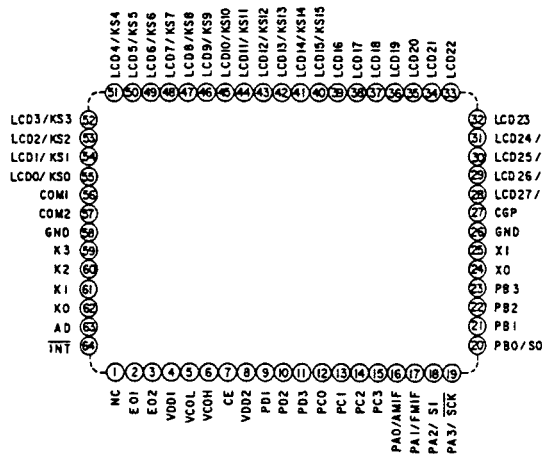
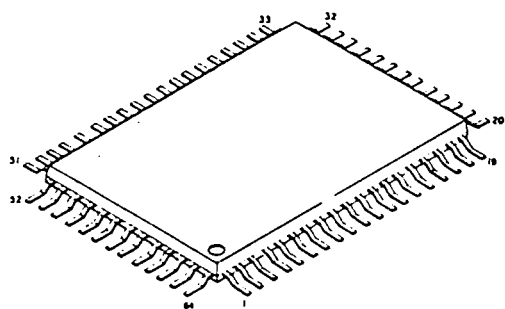
Notes : ○ : For 7179M/L models only, ● : For 7179M model only, ■ : For 7179E model only,
▲ : For 7179L model only, Others : Common.

LA4445 : ■ IC202

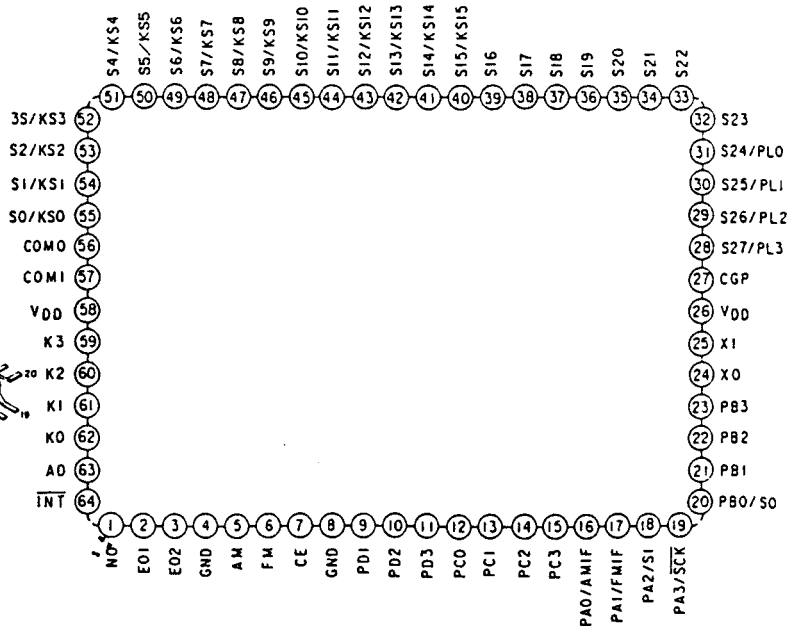
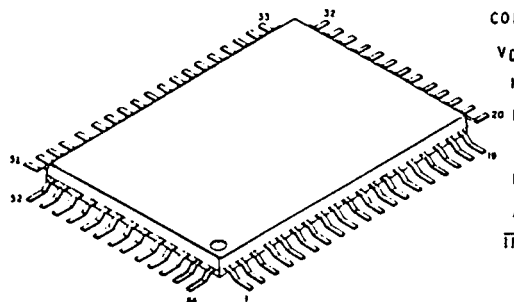
○ IC303



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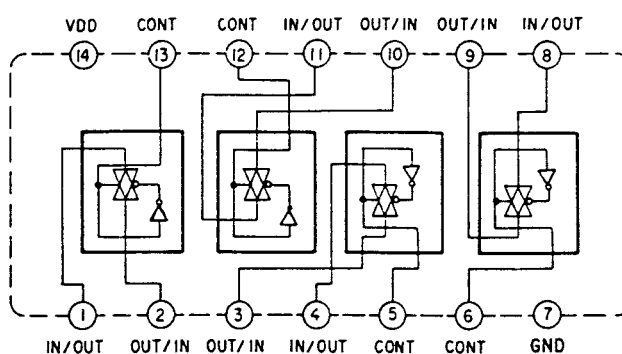
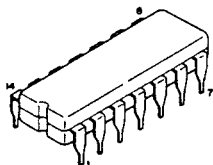
92808F01 : ■ IC601



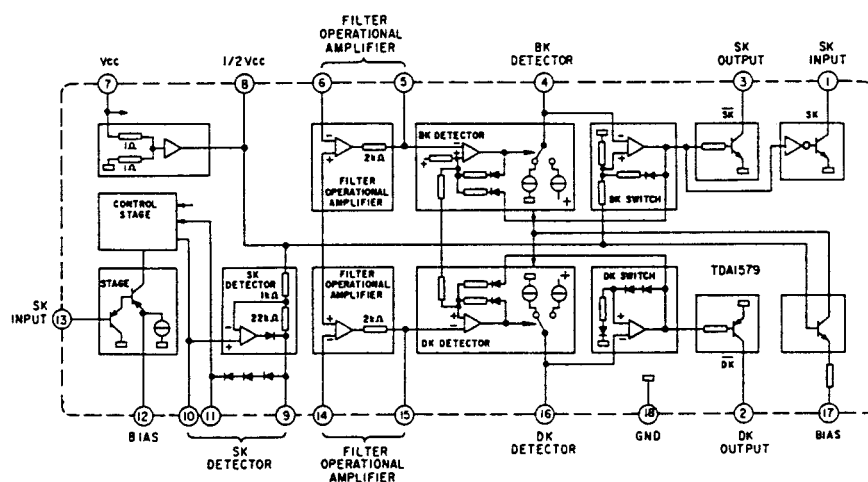
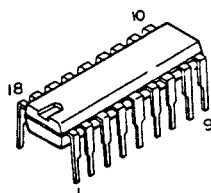
Notes : ○ : For 7179M/L models only, ● : For 7179M model only, ■ : For 7179E model only, ▲ : For 7179L model only, Others : Common.

TC4066BP : IC602, 603

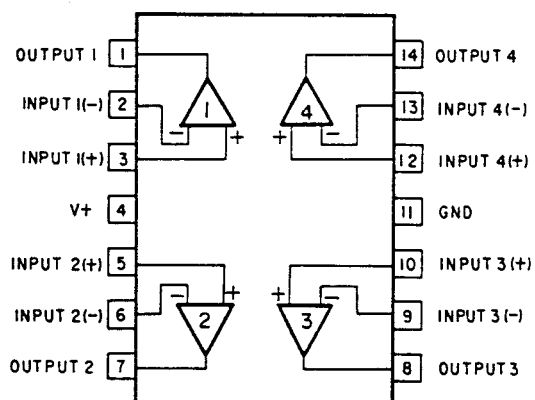
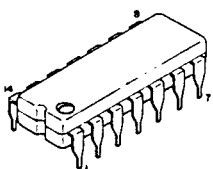
○ IC606



TDA1579 : ● IC604

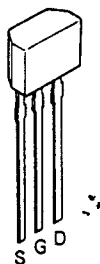


NJM2902N : ● IC605



2SK715 : ○ Q1

■ Q6



S : Source
G : Gate
D : Drain

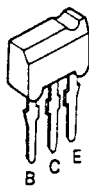
Notes : ○ : For 7179M/L models only, ● : For 7179M model only, ■ : For 7179E model only,
▲ : For 7179L model only, Others : Common.

DTC114T : ■ Q1, ■ Q602, ■ Q603

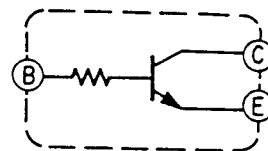
UN1215 : ○ Q5, ○ Q660, ○ Q805, ○ Q806

● Q604

▲ Q605



E : Emitter
C : Collector
B : Base



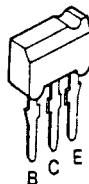
DTC124 : ■ Q2, ■ Q3, ■ Q8, ■ Q601, ■ Q608, ■ Q609, ■ Q610, ■ Q611, ■ Q803, ■ Q806, ■ Q808

○ Q3, ○ Q6, ○ Q106, ○ Q603, ○ Q633

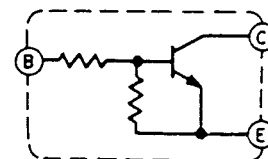
▲ Q657, ▲ Q658

DTC114 : ■ Q203, ■ Q204

○ Q303, ○ Q305



E : Emitter
C : Collector
B : Base



2SC1815 : ○ Q2

● Q651, ● Q653, ● Q654, ● Q655, ● Q656,

● Q657, ● Q659

■ Q4, ■ Q5

2SA1015 : ○ Q652



2SD636 : ○ Q4, ○ Q301, ○ Q302, ○ Q801

● Q658

■ Q201, ■ Q202, ■ Q802

2SD661 : ○ Q601, ○ Q602

■ Q606, ■ Q607

2SD973A : ■ Q801, ■ Q805

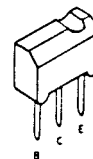
○ Q802

2SD638 : ○ Q803, ○ Q804

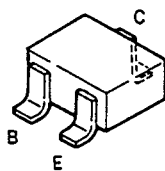
● Q807

■ Q807

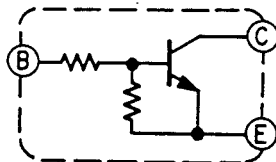
2SB641 : ■ Q804



DTC124K : Q101

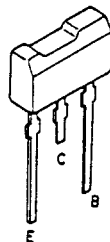


B : Base
C : Collector
E : Emitter

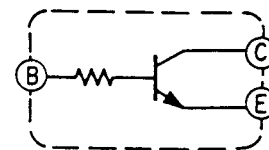


DTC343TL : ○ Q103, ○ Q104

■ Q205, ■ Q206, ■ Q207, ■ Q208

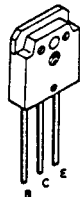


B : Base
C : Collector
E : Emitter



2SD1330 : ○ Q304, ○ Q306, ○ Q311, ○ Q312

● Q307, ● Q308, ● Q309, ● Q310



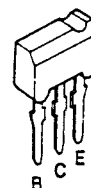
B : Base
C : Collector
E : Emitter

DTA124 : ■ Q612

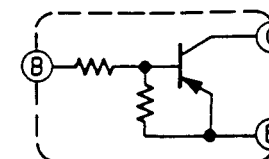
○ Q632

DTA114 : ■ Q613

○ Q631



B : Base
C : Collector
E : Emitter

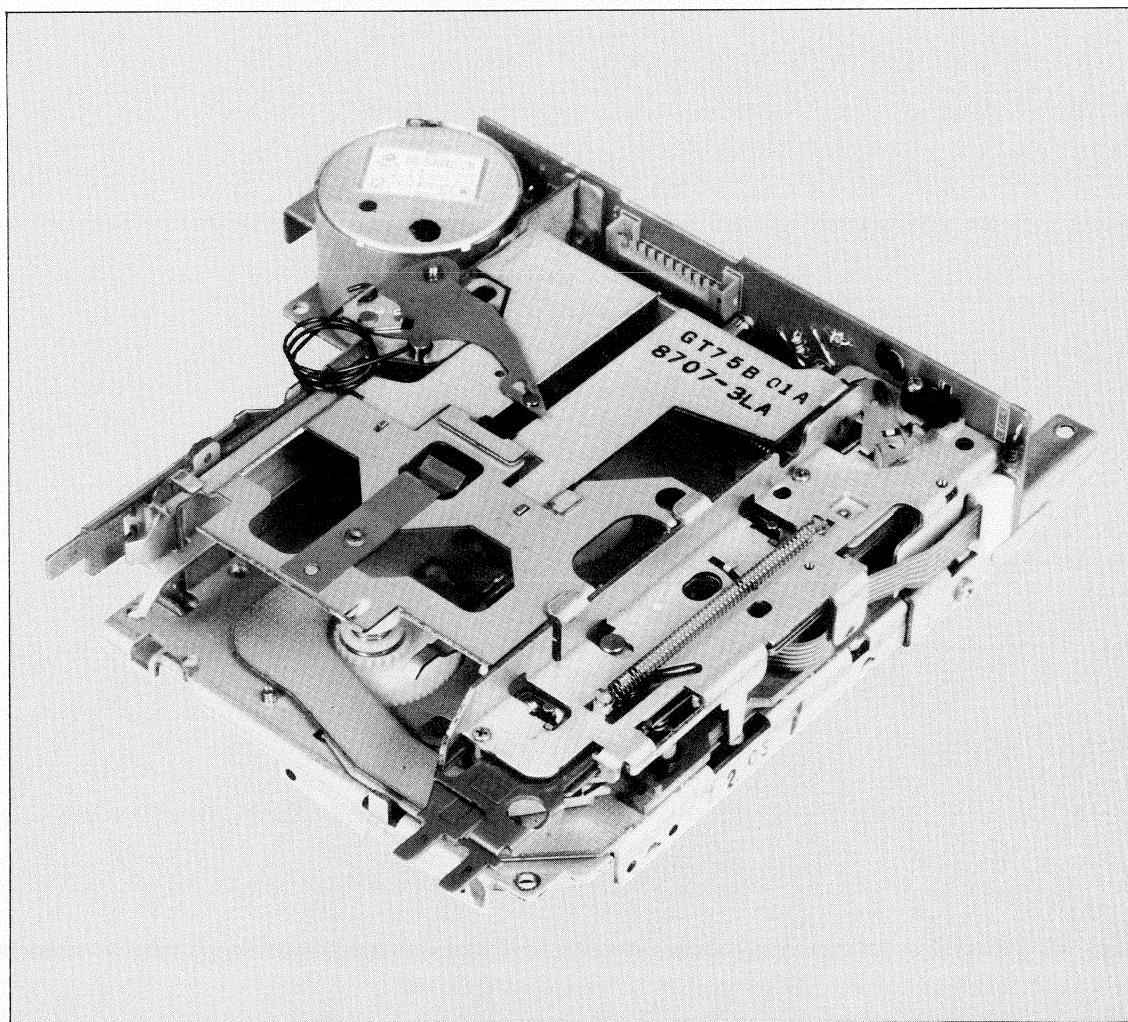


Notes : ○ : For 7179M/L models only, ● : For 7179M model only, ■ : For 7179E model only,
▲ : For 7179L model only, Others : Common.

ALPINE SERVICE MANUAL

Exploded View & Parts List For Cassette Deck Mechanism

ADDENDUM & REVISED (III)



GT SERIES

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Exploded View (3/3) 17 to 18

Replacement of Mechanical Parts

1. Replacement of Belt

- (1) Remove two screws marked "●" and "◎" as shown in Figure 1 and remove the flywheel mounting bracket.
- (2) Remove one screw "○" and motor pulley cover as shown in Figure 1.
- (3) Clean a good belt with alcohol and thread the belt as shown in Figure 2. Assembly the unit, performing above steps in reverse order.
- (4) Confirm the tape speed and wow/flutter with the test tape (MTT-111).

2. Replacement of Motor

- (1) Remove two screws marked "△" as shown in Figure 1.
- (2) Remove two belts (A) and (B) as shown in Figure 2.
- (3) Remove wire leads from the motor terminal and the motor will be removed.

3. Replacement of Flywheel

- (1) Remove the flywheel mounting bracket and the belt (A) as shown in Figure 2.
- (2) Remove the flywheel by moving it straight up.
- (3) Mount a good flywheel. (In this case also insert the flywheel washer and apply a drop of "mobile 1" oil.)
- (4) Mount the belt and the flywheel mounting bracket.
- (5) After assembling, confirm the tape speed and wow/flutter, using a test tape (MTT-111).

Notes :

1. Take care the belt is not stained with oil.
2. When tightening screws for the flywheel bracket, apply tightening torque of 4.5kg·cm (marked "◎") and 2.5kg·cm (marked "●").
(GT75B Series model only)
When tightening screws for the flywheel bracket, apply tightening torque of 6kg·cm (marked "◎") and 2.3kg·cm (marked "●")
(On GT75L010 / GT75L110 / GT75L220 / GT75L020 / GT75L02N / GT75L120 / GT75L12N models only)

4. Replacement of Reels

- (1) Remove two flywheels.
- (2) Remove two lock washers as shown in Figure 3 and the two reels will be removed.
- (3) Replace with good reels and assembly them using above steps in reverse order.
- (4) After assembling, confirm the tape speed and wow/flutter using a test tape (MTT-111).

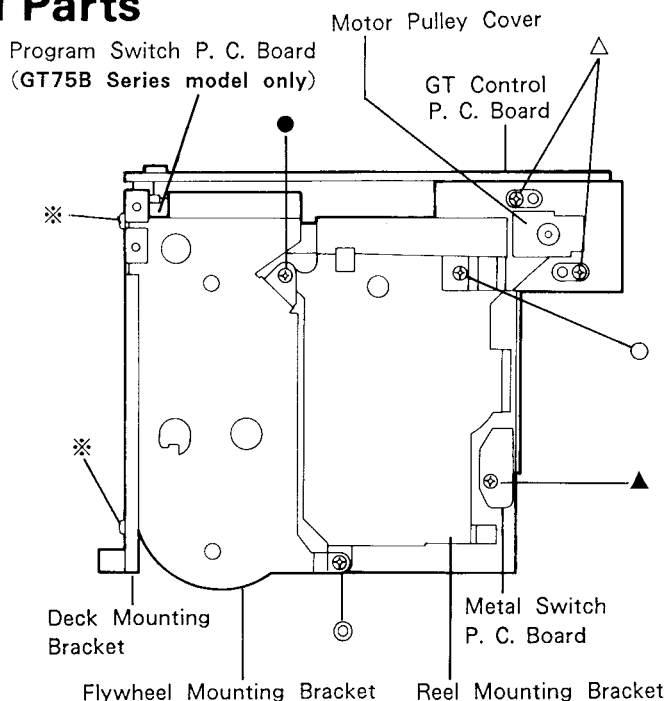


Figure 1

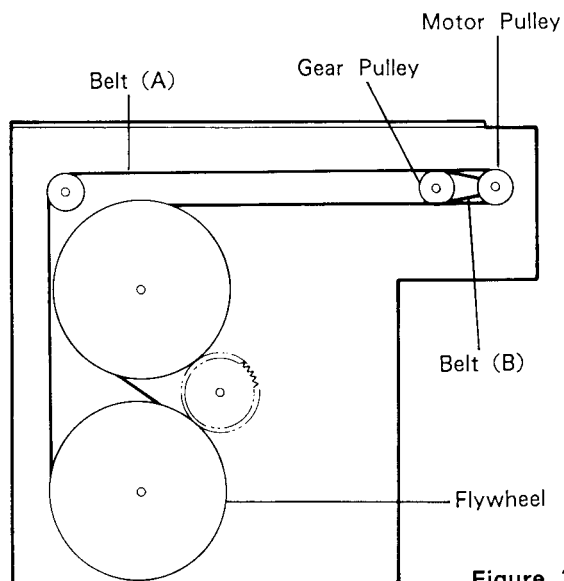


Figure 2

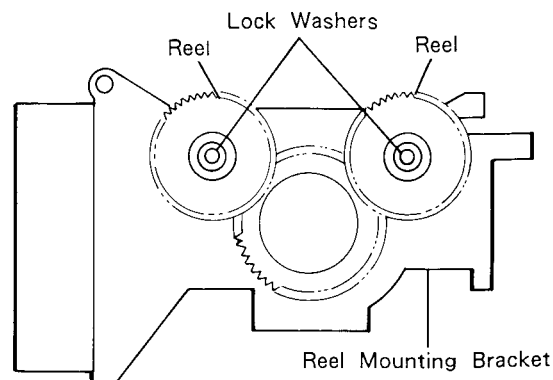


Figure 3

5. Replacement of Head

- (1) Remove two screws marked "※" as shown in Figure 1.
- (2) Remove two screws marked "■" as shown in Figure 8.
- (3) Remove two screws marked "▣" and the head flexible P. C. Board can be removed as shown in Figure 4. Then remove the P. C. Board.
- (4) Replace with a good head and assembly them using above steps in reverse order.
- (5) After assembling, adjust the head azimuth using the test tape (MTT-114NB). Apply the screw-lock paint on the adjusting screws.

Note : Since the flexible P. C. Board is apt to be damaged, handle it with sufficient care.

Perform the head height adjustment.

- (6) Place the height adjustment gauge (M-300 or AT-500) on the head base as shown in Figures 5, 6 and 7, and adjust the gauge height so that the check bar can enter the tape head guide smoothly.
- (7) When the check bar touches top or bottom guide of the tape guide, insert a spacer (of 0.1mm thickness or a polyslider washer of 0.13mm in thickness). (Or remove the spacer to adjust the height).

Note : As shown in Figure 6, if the height gauge is not available, run a tape as usual and adjust the height (head and small guide window) so that no tape curling is observed.

6. Replacement fo Pinch Rollers

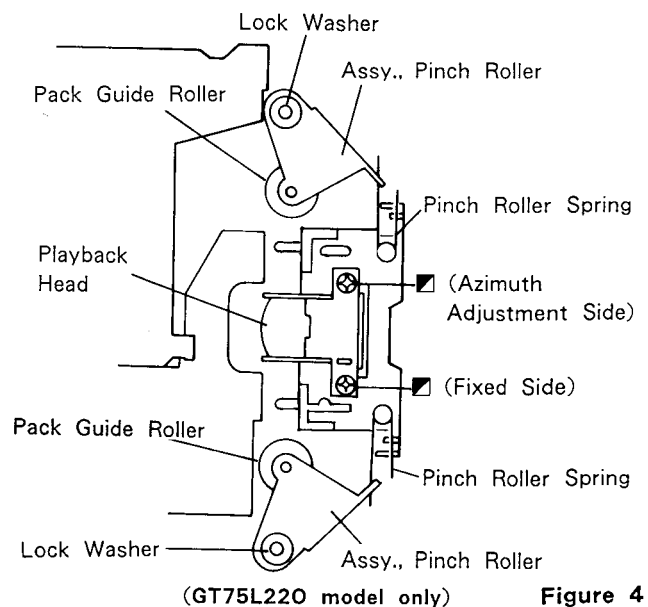
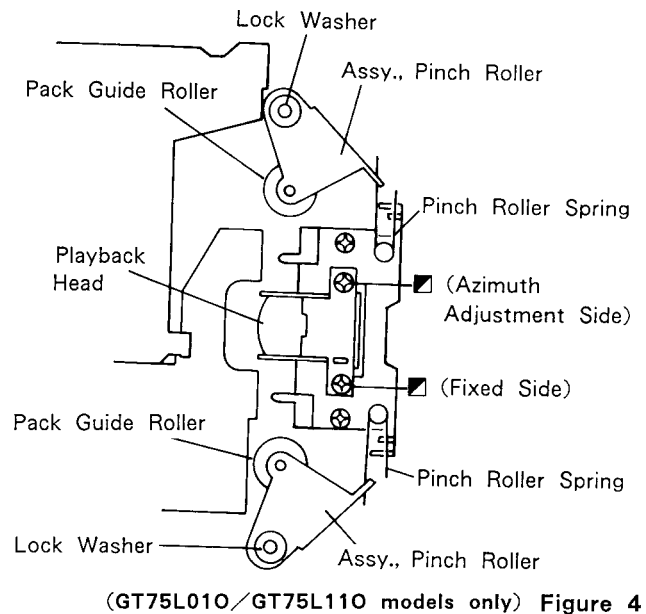
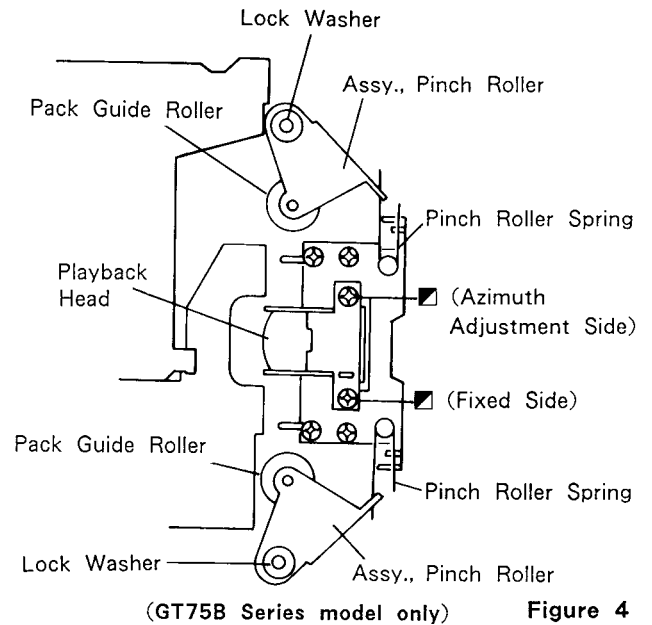
- (1) Remove RF Frame Bracket.
- (2) Remove two lock washers and two pinch roller springs and the pinch rollers can be removed as shown in Figure 4.
- (3) Replace with good pinch rollers and clean them with alchol and assembly it using above steps in reverse order.
- (4) After assembling, confirm the tape speed and wow-flutter with the test tape (MTT-111).

7. Replacement of Metal Switch P. C. Board

- (1) Remove a screw marked "▲" in Figure 1.

Note : Since the wire parallel is apt to be damaged, handle it with sufficient care.

- (2) Replace the board with a good one and assembly the board using above steps in reverse order.



8. Replacement of GT Control P. C. Board and Program Switch P. C. Board

(GT75B Series model only)

- (1) Remove solders as shown in Figure 9.
- (2) Remove two screws marked "□" as shown in Figure 9.
- (3) Remove all connectors and wire leads from the P. C. Boards.
- (4) After replacing with good ones, assemble them using disassembly instructions in reverse order.

Replacement of GT Control P. C. Board

(On GT75L010/GT75L110/GT75L220 models only)

- (1) Remove solders as shown in Figure 9.
- (2) Remove two screws marked "□" as shown in Figure 9.
- (3) Remove all connectors and wire leads from the P. C. Boards.
- (4) After replacing with a good one, assemble the board using disassembly instructions in reverse order.

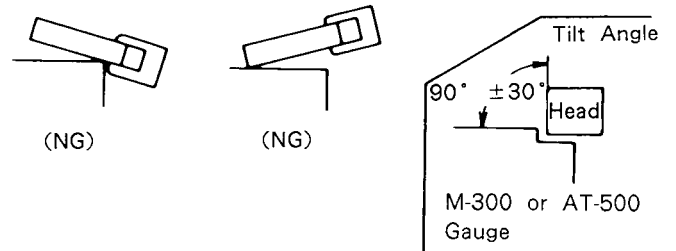


Figure 5

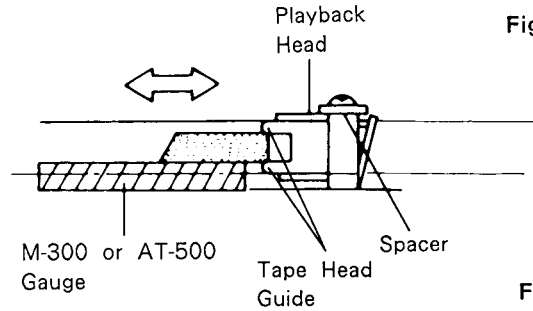
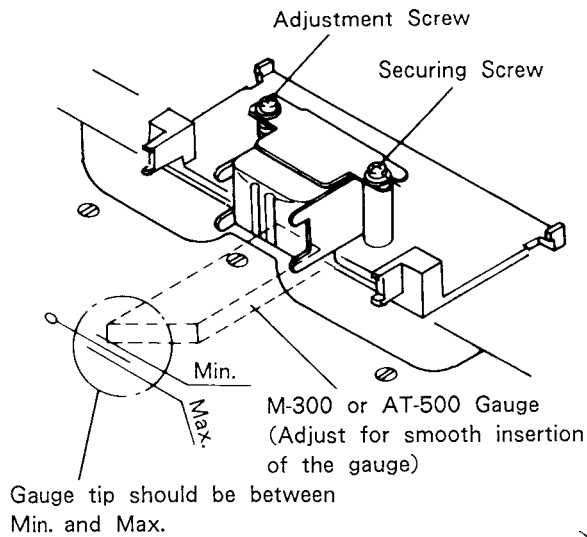
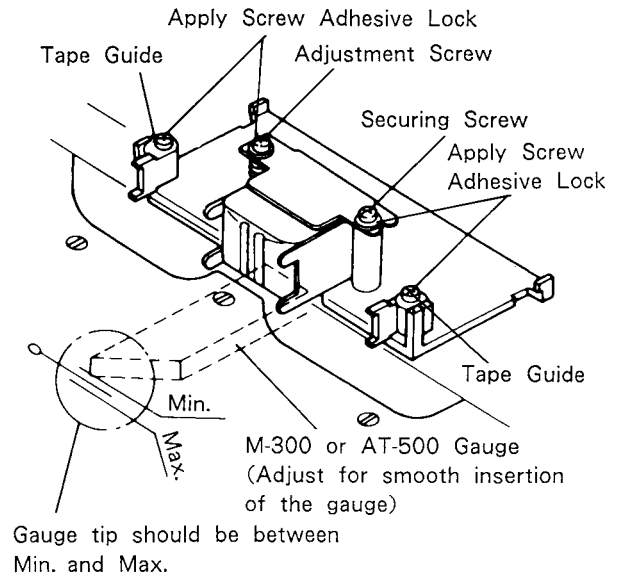


Figure 6



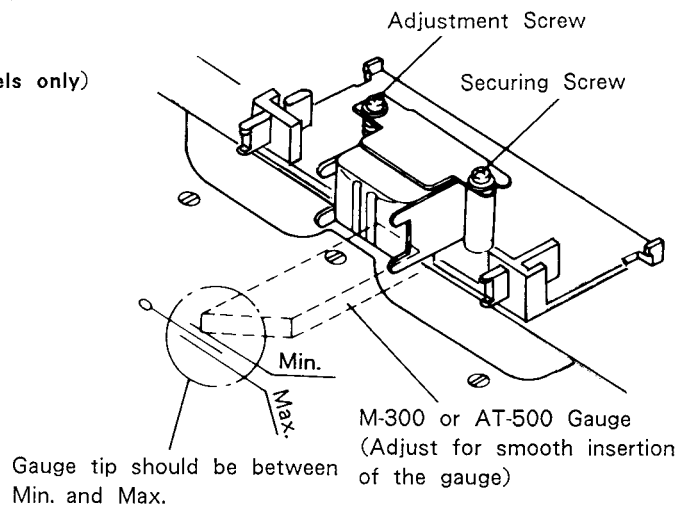
(GT75L010/GT75L110 models only)

Figure 7



(GT75B Series model only)

Figure 7



(GT75L220 model only)

9. Replacement of Mute Switch P. C. Board

(GT75B Series model only)

(1) Remove one screw marked "★" as shown in Figure 8.

(2) After replacing with a good one, assemble the P. C. Board using disassembly instructions in reverse order.

(On GT75B11A/GT75B11C/GT75B11D models only)

(1) Remove two screws marked "★" as shown in Figure A.

(2) After replacing with a good one, assemble the P. C. Boards using above steps in reverse order.

Figure (A)

(GT75B11A/GT75B11C/GT75B11D models only)

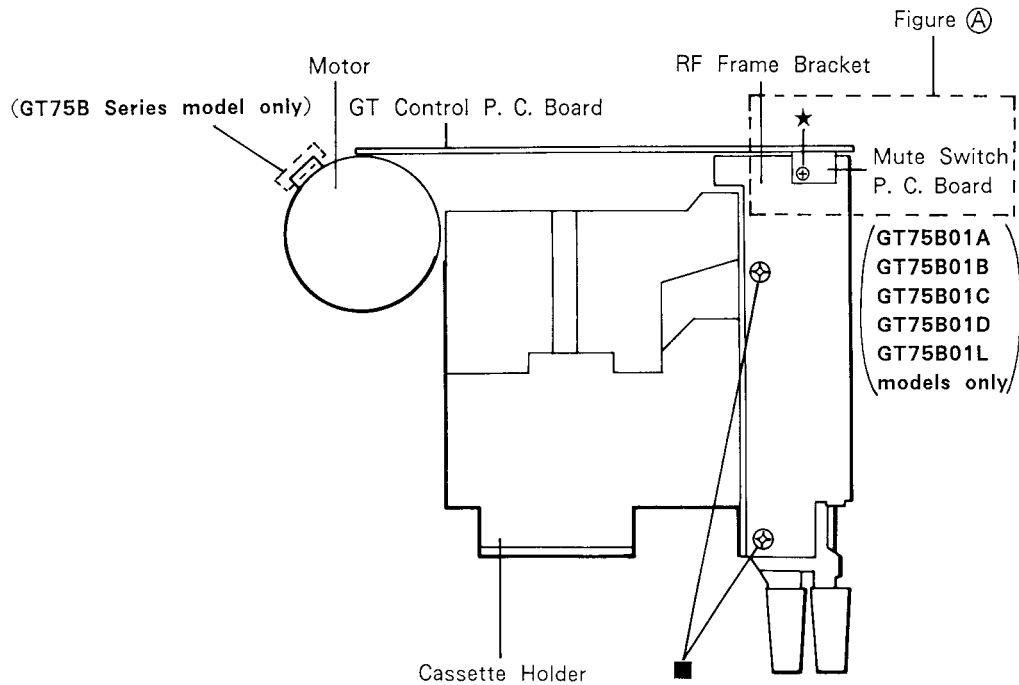
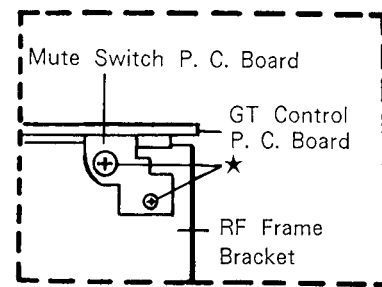
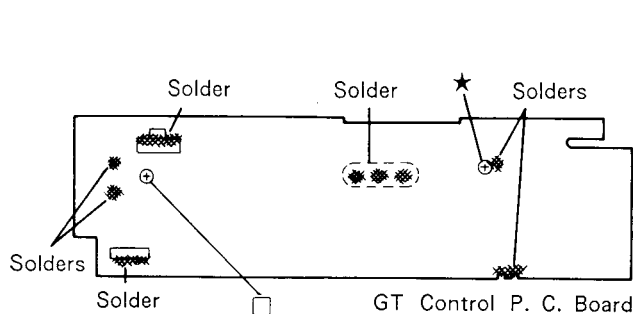
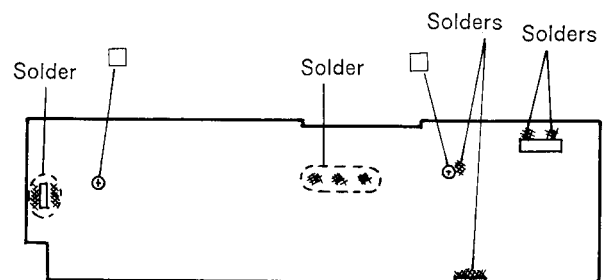


Figure 8



(GT75B Series model only)

Figure 9



(GT75L010/GT75L110/GT75L220 models only)

Figure 9

Parts List (1/3)

○ : For GT75B01A model only, ● : For GT75B01B model only,
 □ : For GT75B11A model only, ■ : For GT75B11C model only, Others : Common.

Symbol No.	Index	Part No.	Description			Symbol No.	Index	Part No.	Description		
201	5-C	43A63281F01	Roller, Plate Base			● 233	2-D	84A82645F01	Mute Switch		
202	5-C	43A63282F01	Roller, Eject Arm						P. C. Board		
203	5-C	43A80430F01	Roller, Eject Arm (B)			234	3-C	41A80446F01	Spring, RF Lever		
204	5-B	41A80448F01	Spring, Turn Eject			235	4-B	41B80444F06	Spring		
205	5-C	41B80444F04	Spring			236		03S56479F04	Screw, Pan (M2 × 7)		
206	3-C	04A41345P15	Washer, Lock (M1.2)			237	3-A	01A80459F01	Assy., Riv. Program Push Lever		
207		04A41345P02	Washer, Lock (M1.7)			238	3-C	43A80427F01	Roller, Head Base (C)		
208	3-A	01A82275F03	Assy., Riv. Plate Base			239		03S56479F07	Screw, Countersunk (M2.6 × 3)		
209	4-B	45B82846F01	Slider			241	2-A	84T80469F01	Head P. C. Board		
210	4-B	47A63278F01	Shaft, Slider			242	3-B	07B80396F01	Frame, Head		
211	5-B	01A80457F01	Assy., Riv. Eject Arm			243	2-B	47A80493F01	Shaft, Head Frame		
213	5-C	01A80983F01	Assy., Riv. Eject Lever			244	2-B	43A80492F01	Roller, Head Frame		
214	4-B	01A63494F01	Assy., Riv. Cassette Holder			245		43B63198F01	Tape, Guide		
216	4-E	01A80461F01	Assy., Riv. Reverse Frame			246		43A80428F01	Roller, Head		
217	3-E	44B80378F01	Gear, Change			247	3-B	41A63286F03	Spring, Pinch Roller		
218	3-E	45A80366F01	Lever, Reverse Lock			248	2-B	41A63286F04	Spring, Pinch Roller		
219	3-E	45A80367F01	Lever, Reverse Act			249		41A63290F01	Spring, Tape Guide		
220	3-E	41B80444F02	Spring			250		41A80445F01	Spring, Head		
221	3-E	41B80444F03	Spring			251		03S40019G03	Screw, F-Locks (M2 × 4)		
222		04A41345P01	Washer, Lock (M1.2)			252	3-F	45A80386F01	Lever, Swing		
224		43A80431F01	Roller, Sub Head Base			253		49A64626F01	Reel, Ring		
225	2-C	41B80444F01	Spring			254		49A64627F01	Reel, Cap		
226	2-C	01A80454F01	Assy., Riv. Head Base Act			255		41A64628F01	Spring, Reel		
227	3-D	01A80458F01	Assy., Riv. RF Arm			256	4-G	41A80450F01	Spring, Reel Clutch		
228	4-B	07B80356F01	Bracket, RF Frame			257	4-F	03A80490F01	Screw, Flat (M1.7 × 1.5)		
231	3-B	01A84687F01	Assy., Riv. RF Link			258	3-F	04S40075G23	Washer, Polyslider (M5.2)		
232	3-A	45A80361F01	Lever, Mute			259	4-G	01A80462F01	Assy., Riv. Bracket Reel		
□ 233	2-C	84A84245F01	Mute Switch P. C. Board			260	3-F	01A80463F01	Assy., Riv. Sub Reel		
■ 233	2-C	84A84245F01	Mute Switch P. C. Board			261	4-E	44A80392F01	Gear, Clutch		
○ 233	2-D	84A82645F01	Mute Switch P. C. Board			262	4-F	45A80393F01	Lever, Clutch		
						263	4-F	43A80394F01	Bush, Clutch		
						264	4-F	41A80395F01	Spring, Clutch		
						265	4-G	01V81200F63	Assy., Flywheel Bracket		
						266	2-B	45A80364F01	Lever, RF Lock		
						267	2-B	41B80444F05	Spring		
						268	2-B	01A80460F01	Assy., Riv. Play Solenoid		

NOTE : The parts without part numbers are not supplied.

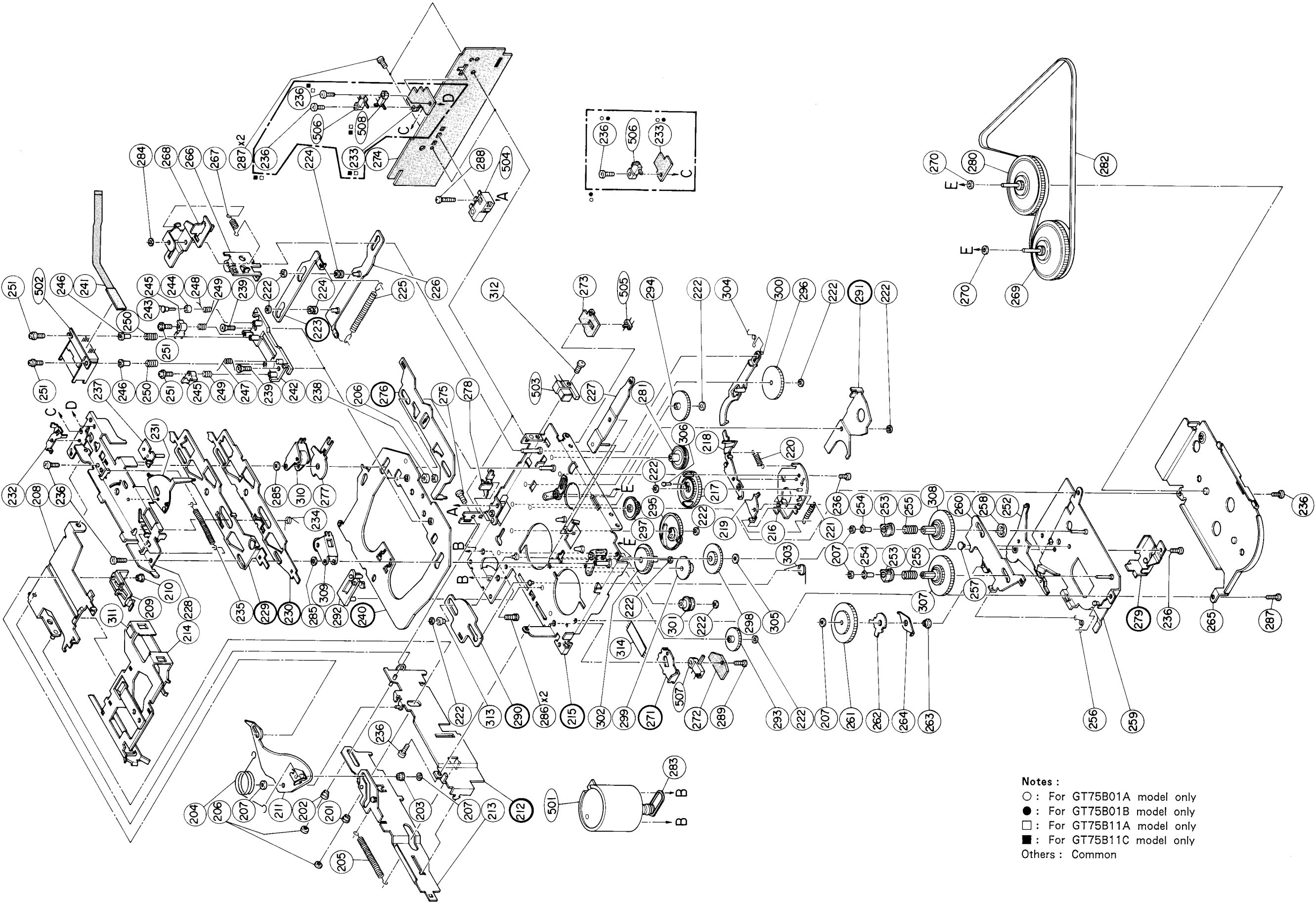
○: For GT75B01A model only, ●: For GT75B01B model only, □: For GT75B11A model only,
■: For GT75B11C model only, Others: Common.

Symbol No.	Index	Part No.	Description		
269	2-F	01T63210F05	Assy., Flywheel		
270		04S40075G05	Washer, Polyslider (M2.1)		
272	4-E	84A82646F01	Metal Switch		
273	2-D	84A80432F01	P. C. Board		
274	2-C	01V84300F56	Program Switch		
274	2-C	01V84300F56	P. C. Board		
274	2-C	01V81800F72	Assy., GT Control		
274	2-C	01V91700F39	P. C. Board		
274	2-C	01V91700F39	Assy., GT Control		
274	2-C	01V93300F91	P. C. Board		
274	2-C	01V93300F91	Assy., GT Control		
275	3-C	03S44205G42	P. C. Board		
277	3-C	45A80373F01	Screw, Pan (M2.6 × 4)		
278	3-C	45A80373F01	Lever, Program		
280	2-F	45A80375F01	Lever, Switch		
281	3-D	01T63210F06	Assy., Flywheel		
282	2-G	49A83022F01	Pully, Idler		
283	5-D	42A40969F01	Belt		
283	5-D	42A80397F01	Belt		
284	2-B	04A41345P14	Washer, Lock (M2.1)		
285		04A41345P25	Washer, Lock (M3.1)		
286	4-D	03D40014G12	Screw, W/Washer (M2.6 × 4)		
287		03S44205G07	Screw, Pan (M2.6 × 5)		
288	2-C	03S68259F06	Screw, Bind (M2.3 × 8)		
289	4-E	03S68259F03	Screw, Pan (M2 × 7)		
292	4-C	45A80387F01	Lever, Reel Brake		
293	4-E	44A63196F01	Gear, Take Up		
294	2-D	44A80382F01	Gear, Take Up		
295	3-D	44B80379F01	Gear, Pause		
296	2-E	44A80380F01	Gear, Reverse Act		
297	4-D	44A80381F01	Gear, Reverse Idler		
298	4-E	44A80383F01	Gear, Pause Idler		
299	4-D	44A80385F01	Gear, Motor Idler		
300	2-E	45B80388F01	Lever, Trigger		
301	4-D	44A80384F01	Gear, Pulley		
302	4-D	44A63197F01	Gear, RF Idler		
303	4-E	41A80447F01	Spring, Pack		
304	2-E	41A80449F01	Spring, Program Trigger		
305	4-E	04A41345P04	Washer, Lock (M2.6)		

Symbol No.	Index	Part No.	Description		
306	3-E	47A80423F01	Shaft, Change Gear		
307	4-F	01T80390F01	Assy., Reel		
308	3-F	01T80390F02	Assy., Reel		
309	4-C	01T80433F01	Assy., Pinch Roller		
310	3-B	01T80433F02	Assy., Pinch Roller		
311	4-A	43A90918F01	Spacer, Polyslider		
312	2-D	03S68259F09	Screw, Pan (M2 × 6)		
313	4-C	43A90769F01	Roller, Eject Com		
314	4-D	30T84002F01	Wire, Parallel 2P		
Miscellaneous					
501	5-D	01V81200F64	Assy., Motor		
502	2-A	88T50977F01	Head, Playback		
502	2-A	88T50977F01	Head, Playback		
502	2-A	88T74130F01	Head, Playback		
502	2-A	88T74130F01	Head, Playback		
503	3-D	01T80451F01	Assy., Keep Solenoid		
504	2-D	40T52216F01	Switch, Micro		
505	2-D	40T63432F01	Switch, Slide		
506		40T71025F01	Switch, Detector		
507	4-E	40T71025F03	Switch, Detector		
508	2-C	40T71025F03	Switch, Detector		
508	2-C	40T71025F03	Switch, Detector		

NOTE: The parts without part numbers are not supplied.

Exploded View (1/3)



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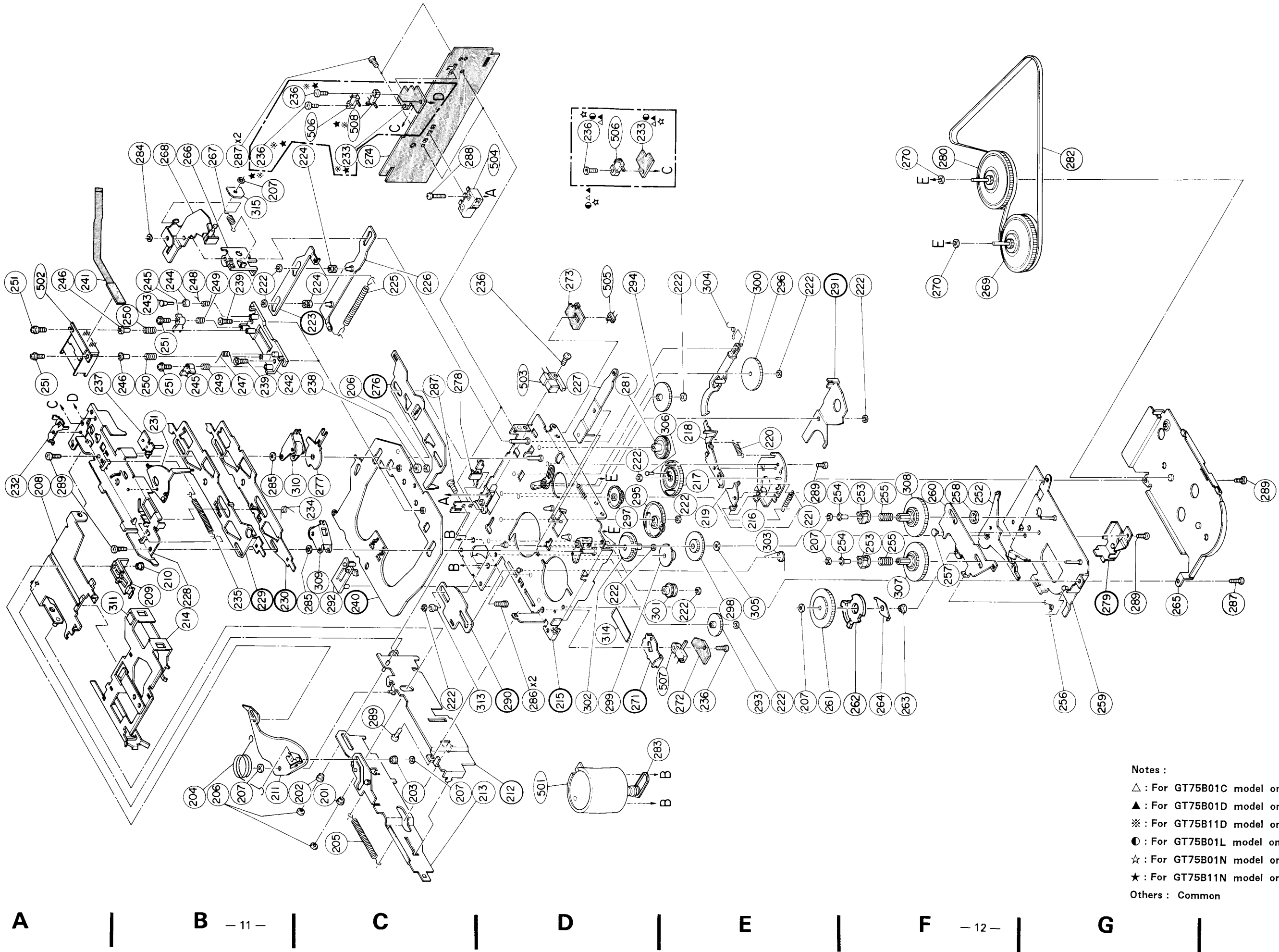
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Exploded View (2/3)

GT SERIES GT SERIES



Parts List (2/3)

△ : For GT75B01C model only, ▲ : For GT75B01D model only,
 ※ : For GT75B11D model only, ○ : For GT75B01L model only,
 ☆ : For GT75B01N model only, ★ : For GT75B11N model only, Others : Common.

Symbol No.	Index	Part No.	Description			Symbol No.	Index	Part No.	Description		
201	5-C	43A63281F01	Roller, Plate Base			234	3-C	41A80446F01	Spring, RF Lever		
202	5-C	43A63282F01	Roller, Eject Arm			235	4-B	41B80444F06	Spring		
203	5-C	43A80430F01	Roller, Eject Arm (B)			236		03S10042W02	Screw, Pan (M2 × 7)		
204	5-B	41A80448F01	Spring, Turn Eject			237	3-A	01A80459F01	Assy., Riv. Program Push Lever		
205	5-C	41B80444F04	Spring			238	3-C	43A80427F01	Roller, Head Base (C)		
206		04A41345P15	Washer, Lock (M1.2)			239		03S56479F07	Screw, Countersunk (M2.6 × 3)		
207		04A41345P02	Washer, Lock (M1.7)			241	2-A	84T10306W01	Head P. C. Board		
208	3-A	01A82275F03	Assy., Riv. Plate Base			242	3-B	07B80396F01	Frame, Head		
209	4-B	45B10376W01	Slider			243	2-B	47A80493F01	Shaft, Head Frame		
210	4-B	47A63278F01	Shaft, Slider			244	2-B	43A80492F01	Roller, Head Frame		
211	5-B	01A80457F01	Assy., Riv. Eject Arm			245		43B63198F01	Tape, Guide		
213	5-D	01A80983F01	Assy., Riv. Eject Lever			246		43A80428F01	Roller, Head		
214	4-B	01A63494F01	Assy., Riv. Cassette Holder			247	3-B	41A63286F03	Spring, Pinch Roller		
216	4-E	01A80461F01	Assy., Riv. Reverse Frame			248	2-B	41A63286F04	Spring, Pinch Roller		
217	3-E	44B80378F01	Gear, Change			249		41A63290F01	Spring, Tape Guide		
218	3-E	45A80366F01	Lever, Reverse Lock			250		41A80445F01	Spring, Head		
219	4-E	45A80367F01	Lever, Reverse Act			251		03S40019G03	Screw, F-Locks (M2 × 4)		
220	3-F	41B80444F02	Spring			252	3-F	45A80386F01	Lever, Swing		
221	4-E	41B80444F03	Spring			253		49A64626F01	Reel, Ring		
222		04A41345P01	Washer, Lock (M1.2)			254		49A64627F01	Reel, Cap		
224		43A80431F01	Roller, Sub Head Base			255		41A64628F01	Spring, Reel		
225	2-C	41B80444F01	Spring			256	4-G	41A80450F01	Spring, Reel Clutch		
226	2-C	01A80454F01	Assy., Riv. Head Base Act			257	4-F	03A80490F01	Screw, Flat (M1.7 × 1.5)		
227	3-D	01A80458F01	Assy., Riv. RF Arm			258	3-F	04S40075G23	Washer, Polyslider (M5.2)		
228	4-B	07B80356F01	Bracket, RF Frame			259	4-G	01A80462F01	Assy., Riv. Bracket Reel		
231	3-B	01A84687F01	Assy., Riv. RF Link			260	3-F	01A80463F01	Assy., Riv. Sub Reel		
232	3-A	45A80361F01	Lever, Mute			261	4-E	44A80392F01	Gear, Clutch		
※ 233	2-C	84A84245F01	Mute Switch P. C. Board			262	5-F	45A10318W01	Lever, Clutch		
▲ 233	2-D	84A82645F01	Mute Switch P. C. Board			263	4-F	43A80394F01	Bush, Clutch		
△ 233	2-D	84A82645F01	Mute Switch P. C. Board			264	4-F	41A80395F01	Spring, Clutch		
○ 233	2-D	84A82645F01	Mute Switch P. C. Board			265	4-G	01V81200F63	Assy., Flywheel Bracket		
☆ 233	2-D	84A82645F01	Mute Switch P. C. Board			266	2-B	45A80364F01	Lever, RF Lock		
★ 233	2-C	84A84245F01	Mute Switch P. C. Board			267	2-B	41B80444F05	Spring		
						268	2-B	01A94367F01	Assy., Riv. Play Solenoid		
						269	2-F	01T63210F05	Assy., Flywheel		

NOTE : The parts without part numbers are not supplied.

GT SERIES

△ : For GT75B01C model only, ▲ : For GT75B01D model only, ※ : For GT75B11D model only,
 ● : For GT75B01L model only, ☆ : For GT75B01N model only, ★ : For GT75B11N model only,
 Others : Common.

Symbol No.	Index	Part No.	Description			Symbol No.	Index	Part No.	Description		
	270	04S40075G05	Washer, Polyslider (M2.1)				306	3-E	47A80423F01	Shaft, Change Gear	
	272	4-E 84A82646F01	Metal Switch				307	4-F	01T80390F01	Assy., Reel	
	273	2-D 84A80432F01	Program Switch				308	3-F	01T80390F02	Assy., Reel	
△	274	2-C 01V11300W54	P. C. Board				309	4-C	01T80433F01	Assy., Pinch Roller	
☆	274	2-C 01V14300W94	Assy., GT Control				310	3-C	01T80433F02	Assy., Pinch Roller	
			P. C. Board								
▲	274	2-C 01V11400W38	Assy., GT Control				311	4-B	43A90918F01	Spacer, Polyslider	
			P. C. Board				313	4-D	43A90769F01	Roller, Eject Com	
※	274	2-C 01V11300W53	Assy., GT Control				314	4-D	30T84002F01	Wire, Parallel 2P	
			P. C. Board				315	2-B	76T95077F01	1Chip	
●	274	2-C 01V14300W94	Assy., GT Control				316		03S44205G42	Screw, Pan (M2.6 × 4)	
			P. C. Board								
★	274	2-C 01V11300W53	Assy., GT Control								
			P. C. Board								
	277	3-C 45A80373F01	Lever, Program								
	278	3-C 45A80375F01	Lever, Switch								
	280	2-F 01T63210F06	Assy., Flywheel								
	281	3-D 49A83022F01	Pully, Idler								
	282	2-G 42A40969F01	Belt								
	283	5-E 42A80397F01	Belt								
	284	2-B 04A41345P14	Washer, Lock (M2.1)								
	285	04A41345P25	Washer, Lock (M3.1)								
	286	4-D 03D40014G12	Screw, W/Washer (M2.6 × 4)								
	287	03S44205G07	Screw, Pan (M2.6 × 5)								
	288	2-C 03S68259F06	Screw, Bind (M2.3 × 8)								
	289	03S10042W11	Screw, Pan (M1.7 × 2.5)								
	292	4-C 45A80387F01	Lever, Reel Brake								
	293	4-E 44A63196F01	Gear, Take Up								
	294	2-D 44A80382F01	Gear, Take Up								
	295	3-D 44B80379F01	Gear, Pause								
	296	2-E 44A80380F01	Gear, Reverse Act								
	297	4-D 44A80381F01	Gear, Reverse Idler								
	298	4-E 44A80383F01	Gear, Pause Idler								
	299	4-D 44A80385F01	Gear, Motor Idler								
	300	2-E 45B80388F01	Lever, Trigger								
	301	4-E 44A80384F01	Gear, Pulley								
	302	4-D 44A63197F01	Gear, RF Idler								
	303	4-E 41A80447F01	Spring, Pack								
	304	2-E 41A80449F01	Spring, Program Trigger								
	305	4-E 04A41345P04	Washer, Lock (M2.6)								
Miscellaneous											
△	501	5-D 01V11700W05	Assy., Motor								
▲	501	5-D 01V93800F53	Assy., Motor								
※	501	5-D 01V11700W05	Assy., Motor								
●	501	5-D 01V11700W05	Assy., Motor								
☆	501	5-D 01V11700W05	Assy., Motor								
★	501	5-D 01V11700W05	Assy., Motor								
△	502	2-A 88T50977F02	Head, Playback								
▲	502	2-A 88T50977F02	Head, Playback								
※	502	2-A 88T74130F02	Head, Playback								
●	502	2-A 88T50977F02	Head, Playback								
☆	502	2-A 88T50997F02	Head, Playback								
★	502	2-A 88T74130F02	Head, Playback								
	503	3-D 01T80451F01	Assy., Keep Solenoid								
	504	1-D 40T52216F01	Switch, Micro								
	505	2-D 40T63432F01	Switch, Slide								
	506	40T71025F01	Switch, Detect								
	507	4-E 40T71025F03	Switch, Detect								
※	508	1-C 40T71025F03	Switch, Detect								
★	508	1-C 40T71025F03	Switch, Detect								

NOTE : The parts without part numbers are not supplied.

Parts List (3/3)

● : For GT75L020 model only, ◆ : For GT75L120 model only,
 ■ : For GT75L02N model only, ▲ : For GT75L12N model only,
 ♦ : For GT75L220 model only, Others : Common.

Symbol No.	Index	Part No.	Description			Symbol No.	Index	Part No.	Description		
201	5-C	43A63281F01	Roller, Plate Base			244	2-B	43A80492F01	Roller, Head Frame		
203	4-C	43A12105W01	Roller, Eject Arm (B)			247	2-B	41A63286F03	Spring, Pinch Roller		
204	5-B	41A12411W01	Spring, Turn Eject			248	3-B	41A63286F04	Spring, Pinch Roller		
205	5-C	41B80444F04	Spring			249	2-E	44A80382F01	Gear, Take Up		
206	5-B	04A41345P15	Washer, Lock (M1.2)			250	1-B	41A13824W01	Spring, Head		
207		04A41345P02	Washer, Lock (M1.7)			251	2-A	03S40019G03	Screw, F-Lock (M2 × 4)		
208	3-A	01A82275F03	Assy., Rivet Plate Base			252	3-F	45A80386F01	Lever, Swing		
209	4-B	45B10376W01	Slider			253	2-B	45B12084W01	Lever, Play Solenoid		
210		47A63278F01	Shaft, Slider			254	4-E	30T84002F01	Wire, Metal Switch		
211	4-C	01A12405W01	Assy., Rivet Eject Arm			255	4-G	01V16100W82	Assy., Flywheel Bracket		
213		43A12087W01	Roller, Pack Guide			256		41A80450F01	Spring, Reel Clutch		
214		03S40011G47	Screw, Pan (M2 × 7)			257	3-H	03A63557F02	Screw, Pan (M1.7 × 2.5)		
216	4-E	01A12378W01	Assy., Rivet Reverse			● 258	2-C	01V14500W06	Assy., GT Control P. C. Board		
217	3-E	44B80378F01	Gear, Change			■ 258	2-C	01V14500W06	Assy., GT Control P. C. Board		
218	3-E	45A80366F01	Lever, Reverse Lock			◆ 258	2-C	01V14500W48	Assy., GT Control P. C. Board		
219	3-E	45A80367F01	Lever, Reverse ACT			◆ 258	2-C	01V16800W37	Assy., GT Control P. C. Board		
220	3-E	41B50444F02	Spring			▲ 258	2-C	01V14500W48	Assy., GT Control P. C. Board		
221	3-E	41B50444F03	Spring			259		01T94245F01	Assy., Reel		
222		04A41345P01	Washer, Lock (M1.2)			260	4-G	01A12403W01	Assy., Rivet Bracket Reel		
224	4-E	41A80447F01	Spring, Pack			261	4-E	04A41345P04	Washer, Lock (M2.6)		
225	2-C	41B80444F01	Spring			262	4-E	44A80392F01	Gear, Clutch		
226	2-C	01A12406W01	Assy., Rivet Head Base ACT			263	4-F	45A10318W01	Lever, Clutch		
227	3-D	01A80458F02	Assy., Rivet RF Arm			264	4-F	43A80394F01	Bush, Clutch		
228	4-B	07B80356F02	Bracket RF Frame			265	4-F	41A80395F01	Spring, Clutch		
231	4-B	01A84687F01	Assy., Rivet Link			266	2-E	41A80449F01	Spring, Program Trigger		
232	2-B	76T95077F01	Chip			267	4-D	44A63197F01	Gear, RF Idler		
233	5-D	45B12076W01	Lever, Eject			268	2-B	45A80364F01	Lever, RF Lock		
234	3-C	41A80446F01	Spring, RF Lever			269	2-B	41B80444F05	Spring		
235	4-B	41B80444F06	Spring			270	2-E	45B80388F01	Lever, Trigger		
236	4-E	44A63196F01	Gear, Take Up			271		01T63210F05	Assy., Flywheel		
237	3-A	01A80459F01	Assy., Rivet Program Push			272		04S40075G05	Washer Polyslider (M2.1)		
238	4-B	07C63151F02	Holder, Cassette			274	4-E	84A82646F01	Metal Switch P. C. Board		
241	2-A	84T15796W01	Head P. C. Board			275	4-E	44A12088W01	Gear, Motor Idler		
242	1-B	07B12806W01	Frame, Head			276	4-E	44A80383F01	Gear, Pause Idler		
243	2-B	47A80493F01	Shaft, Head Frame			277	3-D	44A80381F01	Gear, Reverse Idler		

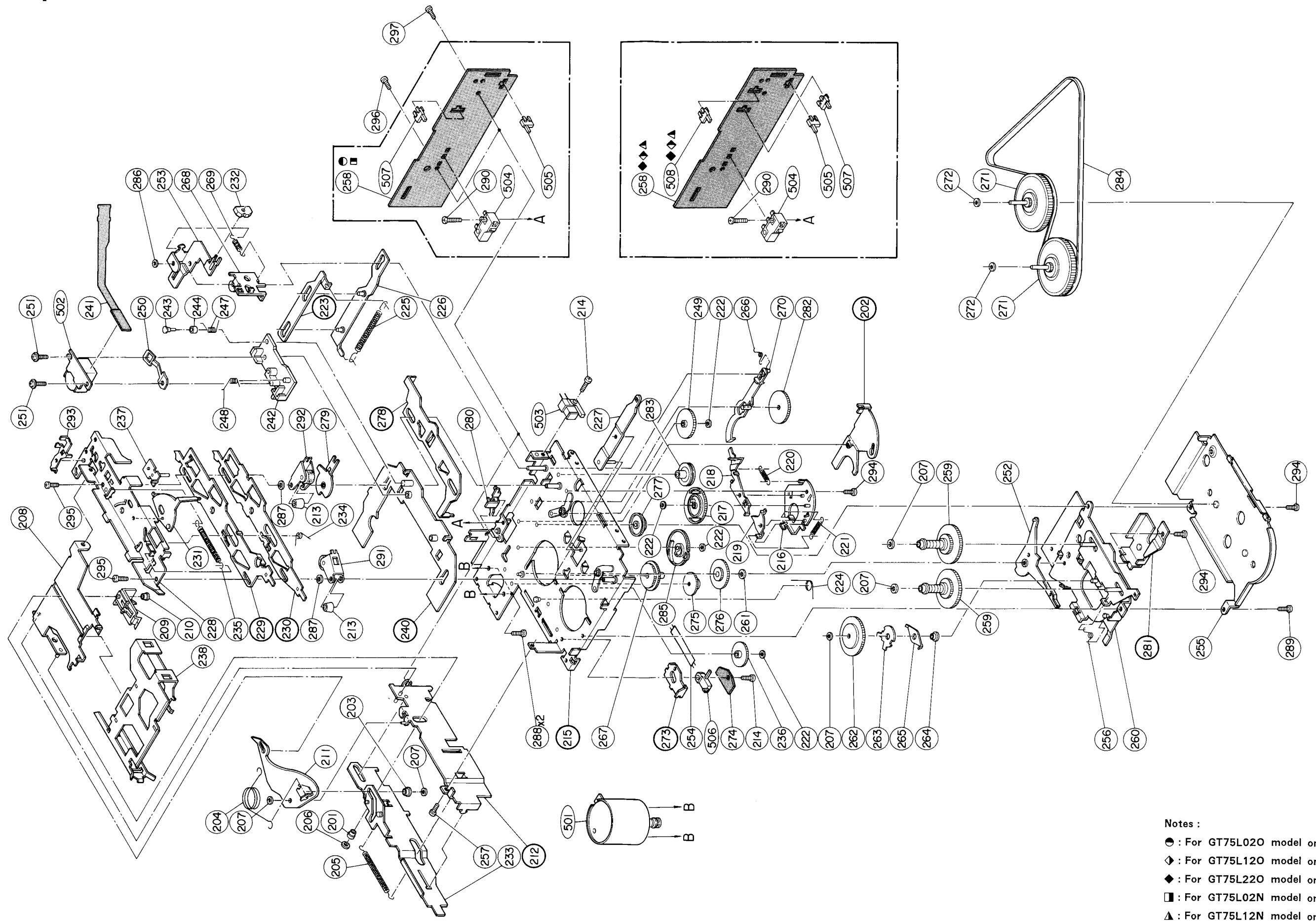
NOTE : The parts without part numbers are not supplied.

○ : For GT75L020 model only, ◇ : For GT75L120 model only, ■ : For GT75L02N model only,
 ▲ : For GT75L12N model only, ◆ : For GT75L220 model only, Others : Common.

Symbol No.	Index	Part No.	Description			Symbol No.	Index	Part No.	Description		
279	3-C	45A80373F01	Lever, Program			◆ 502	2-A	88T16153W01	Head, Playback		
280	3-C	45A80375F01	Lever, Switch			503		01T80451F01	Assy.,		
282	2-E	44A80380F01	Gear, Reverse ACT						Keep Solenoid		
◇ 283	3-D	49A94719F01	Pully, Idler			504	2-E	40T52216F01	Switch, Micro		
● 283	3-D	49A94719F01	Pully, Idler			505	2-E	40T71025F03	Switch, Detector		
						506		40T15222W01	Switch, Detector		
■ 283	3-D	49A83022F01	Pully, Idler			507		40T15222W01	Switch, Detector		
▲ 283	3-D	49A83022F01	Pully, Idler			◆ 508	2-D	40T15222W01	Switch, Detector		
◆ 283	3-D	49A83022F01	Pulley, Idler			◇ 508	2-D	40T15222W01	Switch, Detector		
284		42A40969F01	Belt			▲ 508	2-D	40T15222W01	Switch, Detector		
285	4-D	44B80379F01	Gear, Pause								
286	2-B	04A41345P14	Washer, Lock (M2.1)								
287		04A41345P25	Washer, Lock (M3.1)								
288	4-D	03D40014G67	Screw, W/Washer (M2.6 × 3.5)								
289	2-B	03S44205G30	Screw, Pan (M2.6 × 7)								
290		03S68259F06	Screw, Bind (M2.3 × 8)								
291	4-C	01T15776W01	Assy., Pinch Roller								
292	3-B	01T15776W02	Assy., Pinch Roller								
293	3-B	45A12083W01	Lever, Switch Mute								
294		03S43997P64	Screw, Pan (M1.7 × 3)								
295		03S56479F27	Screw, Pan (M1.7 × 3)								
296	1-C	03S44205G48	Screw, Pan (M2.6 × 5)								
◇ 297		03S44205G30	Screw, Pan (M2.6 × 4)								
● 297		03S44205G30	Screw, Pan (M2.6 × 4)								
■ 297		03S44205G30	Screw, Pan (M2.6 × 4)								
▲ 297		03S44205G30	Screw, Pan (M2.6 × 4)								
◆ 297		03S44205G48	Screw, Pan (M2.6 × 5)								
Miscellaneous											
501	5-D	01V14500W41	Assy., Motor								
● 502	2-A	88T15795W01	Head, Playback								
◇ 502	2-A	88T16375W01	Head, Playback								
■ 502	2-A	88T15795W01	Head, Playback								
▲ 502	2-A	88T16375W01	Head, Playback								

NOTE: The parts without part numbers are not supplied.

Exploded View (3/3)



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